

Data File : VD058195.D  
Acq On : 19 Jun 2018 15:34  
Operator : VA/AP  
Sample : VSTDIC005  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Quant Time: Jun 20 05:01:13 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:00:55 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 996454   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 6.69  | 114  | 1245670  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 1012220  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152  | 513800   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |      |       |      |
|---------------------------|--------|-----|----------|------|-------|------|
| 33) 1,2-Dichloroethane-d4 | 6.02   | 65  | 45047    | 4.43 | ug/l  | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 8.86% |      |
| 35) Dibromofluoromethane  | 5.55   | 113 | 47755    | 4.83 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.66% |      |
| 50) Toluene-d8            | 8.71   | 98  | 111804   | 4.72 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.44% |      |
| 62) 4-Bromofluorobenzene  | 11.93  | 95  | 48231    | 4.76 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.52% |      |

#### Target Compounds

|                               |      |     |        |        | Qvalue |    |
|-------------------------------|------|-----|--------|--------|--------|----|
| 2) Dichlorodifluoromethane    | 1.34 | 85  | 46039  | 3.590  | ug/l   | 89 |
| 3) Chloromethane              | 1.47 | 50  | 28453  | 4.497  | ug/l   | 93 |
| 4) Vinyl Chloride             | 1.55 | 62  | 28019  | 4.533  | ug/l # | 88 |
| 5) Bromomethane               | 1.79 | 94  | 14183  | 6.063  | ug/l   | 88 |
| 6) Chloroethane               | 1.88 | 64  | 11233  | 4.724  | ug/l   | 92 |
| 7) Trichlorofluoromethane     | 2.08 | 101 | 39301  | 4.698  | ug/l   | 98 |
| 8) Diethyl Ether              | 2.34 | 74  | 7200   | 4.518  | ug/l   | 81 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.55 | 101 | 24578  | 4.875  | ug/l   | 87 |
| 10) Methyl Iodide             | 2.68 | 142 | 23297  | 3.604  | ug/l # | 94 |
| 11) Tert butyl alcohol        | 3.26 | 59  | 9115   | 33.318 | ug/l # | 68 |
| 12) 1,1-Dichloroethene        | 2.54 | 96  | 18361  | 4.738  | ug/l   | 85 |
| 13) Acrolein                  | 2.47 | 56  | 5737   | 16.719 | ug/l # | 80 |
| 14) Allyl chloride            | 2.92 | 41  | 40934  | 4.521  | ug/l # | 95 |
| 15) Acrylonitrile             | 3.35 | 53  | 22299  | 15.261 | ug/l # | 90 |
| 16) Acetone                   | 2.62 | 43  | 37614  | 26.177 | ug/l   | 96 |
| 17) Carbon Disulfide          | 2.75 | 76  | 63223  | 4.551  | ug/l   | 99 |
| 18) Methyl Acetate            | 2.93 | 43  | 18175  | 6.383  | ug/l   | 94 |
| 19) Methyl tert-butyl Ether   | 3.40 | 73  | 44264  | 2.735  | ug/l   | 98 |
| 20) Methylene Chloride        | 3.07 | 84  | 28740  | 5.960  | ug/l   | 99 |
| 21) trans-1,2-Dichloroethene  | 3.38 | 96  | 19790  | 2.478  | ug/l # | 93 |
| 22) Diisopropyl ether         | 4.07 | 45  | 167917 | 4.727  | ug/l   | 97 |
| 23) Vinyl Acetate             | 4.01 | 43  | 392123 | 21.166 | ug/l   | 98 |
| 24) 1,1-Dichloroethane        | 3.97 | 63  | 88897  | 4.546  | ug/l   | 99 |
| 25) 2-Butanone                | 4.84 | 43  | 81847  | 25.382 | ug/l   | 98 |
| 26) 2,2-Dichloropropane       | 4.79 | 77  | 81454  | 5.068  | ug/l   | 89 |
| 27) cis-1,2-Dichloroethene    | 4.80 | 96  | 49563  | 4.802  | ug/l   | 94 |
| 28) Bromochloromethane        | 5.15 | 49  | 34219  | 4.003  | ug/l   | 97 |
| 29) Tetrahydrofuran           | 5.20 | 42  | 43916  | 25.650 | ug/l   | 96 |
| 30) Chloroform                | 5.32 | 83  | 93911  | 4.745  | ug/l   | 92 |
| 31) Cyclohexane               | 5.59 | 56  | 97484  | 5.773  | ug/l   | 92 |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97  | 79389  | 4.791  | ug/l   | 99 |
| 36) 1,1-Dichloropropene       | 5.74 | 75  | 71532  | 5.318  | ug/l   | 96 |
| 37) Ethyl Acetate             | 4.93 | 43  | 36495  | 4.858  | ug/l   | 98 |
| 38) Carbon Tetrachloride      | 5.73 | 117 | 64270  | 4.832  | ug/l   | 95 |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Quant Time: Jun 20 05:01:13 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:00:55 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.28  | 83   | 69811    | 5.276  | ug/l   | 96       |
| 40) Benzene                    | 6.01  | 78   | 173877   | 5.531  | ug/l   | 95       |
| 41) Methacrylonitrile          | 5.13  | 41   | 16839    | 4.944  | ug/l # | 88       |
| 42) 1,2-Dichloroethane         | 6.13  | 62   | 62832    | 4.928  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 7.63  | 43   | 46424    | 4.721  | ug/l # | 98       |
| 44) Trichloroethene            | 6.99  | 130  | 48677    | 5.299  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.35  | 63   | 43796    | 5.014  | ug/l   | 97       |
| 46) Dibromomethane             | 7.47  | 93   | 26308    | 4.620  | ug/l   | 86       |
| 47) Bromodichloromethane       | 7.74  | 83   | 63454    | 4.834  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.51  | 41   | 29307    | 4.862  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.49  | 88   | 4242     | 82.260 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone       | 8.60  | 43   | 160044   | 25.345 | ug/l   | 95       |
| 52) Toluene                    | 8.80  | 92   | 94042    | 5.207  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.19  | 75   | 51596    | 4.516  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.37  | 75   | 62672    | 4.670  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.46  | 97   | 33296    | 5.591  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 35633    | 4.871  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.66  | 76   | 55944    | 5.417  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.19  | 63   | 90723    | 24.454 | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.79  | 43   | 115039   | 24.986 | ug/l   | 95       |
| 60) Dibromochloromethane       | 9.96  | 129  | 40374    | 4.837  | ug/l   | 85       |
| 61) 1,2-Dibromoethane          | 10.10 | 107  | 34048    | 4.982  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.52  | 164  | 46910    | 5.250  | ug/l   | 91       |
| 65) Chlorobenzene              | 10.73 | 112  | 108807   | 5.410  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 36201    | 4.676  | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.86 | 91   | 198448   | 5.487  | ug/l   | 93       |
| 68) m/p-Xylenes                | 11.01 | 106  | 131953   | 11.128 | ug/l   | 99       |
| 69) o-Xylene                   | 11.41 | 106  | 60591    | 5.203  | ug/l   | 90       |
| 70) Styrene                    | 11.44 | 104  | 102569   | 5.289  | ug/l   | 99       |
| 71) Bromoform                  | 11.60 | 173  | 24286    | 4.091  | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.77 | 105  | 181047   | 5.427  | ug/l   | 98       |
| 74) N-amyl acetate             | 11.65 | 43   | 61338    | 4.692  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 38294    | 5.138  | ug/l   | 87       |
| 76) 1,2,3-Trichloropropane     | 12.12 | 75   | 40930    | 5.277  | ug/l   | 91       |
| 77) Bromobenzene               | 12.05 | 156  | 52536    | 5.303  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.16 | 91   | 234597   | 5.375  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.21 | 91   | 127769   | 5.139  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 140417   | 5.348  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 8796     | 4.605  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.33 | 91   | 155632   | 5.672  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.58 | 119  | 157062   | 5.318  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 12.63 | 105  | 152589   | 5.441  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 188424   | 5.281  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.88 | 119  | 144154   | 5.046  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146  | 91611    | 5.437  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146  | 92290    | 5.591  | ug/l   | 90       |
| 89) n-Butylbenzene             | 13.20 | 91   | 159196   | 5.355  | ug/l   | 96       |
| 90) Hexachloroethane           | 13.41 | 117  | 35126    | 4.790  | ug/l   | 76       |
| 91) 1,2-Dichlorobenzene        | 13.20 | 146  | 78212    | 5.647  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.78 | 75   | 5101     | 4.426  | ug/l   | 89       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD061918\  
Quantitation Report (Not Reviewed)

Data File : VD058195.D  
Acq On : 19 Jun 2018 15:34  
Operator : VA/AP  
Sample : VSTDICC005  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Quant Time: Jun 20 05:01:13 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:00:55 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.34 | 180  | 68083    | 5.273 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 14.44 | 225  | 56981    | 5.660 | ug/l  | 97       |
| 95) Naphthalene            | 14.52 | 128  | 85229    | 5.030 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 64140    | 5.799 | ug/l  | 91       |

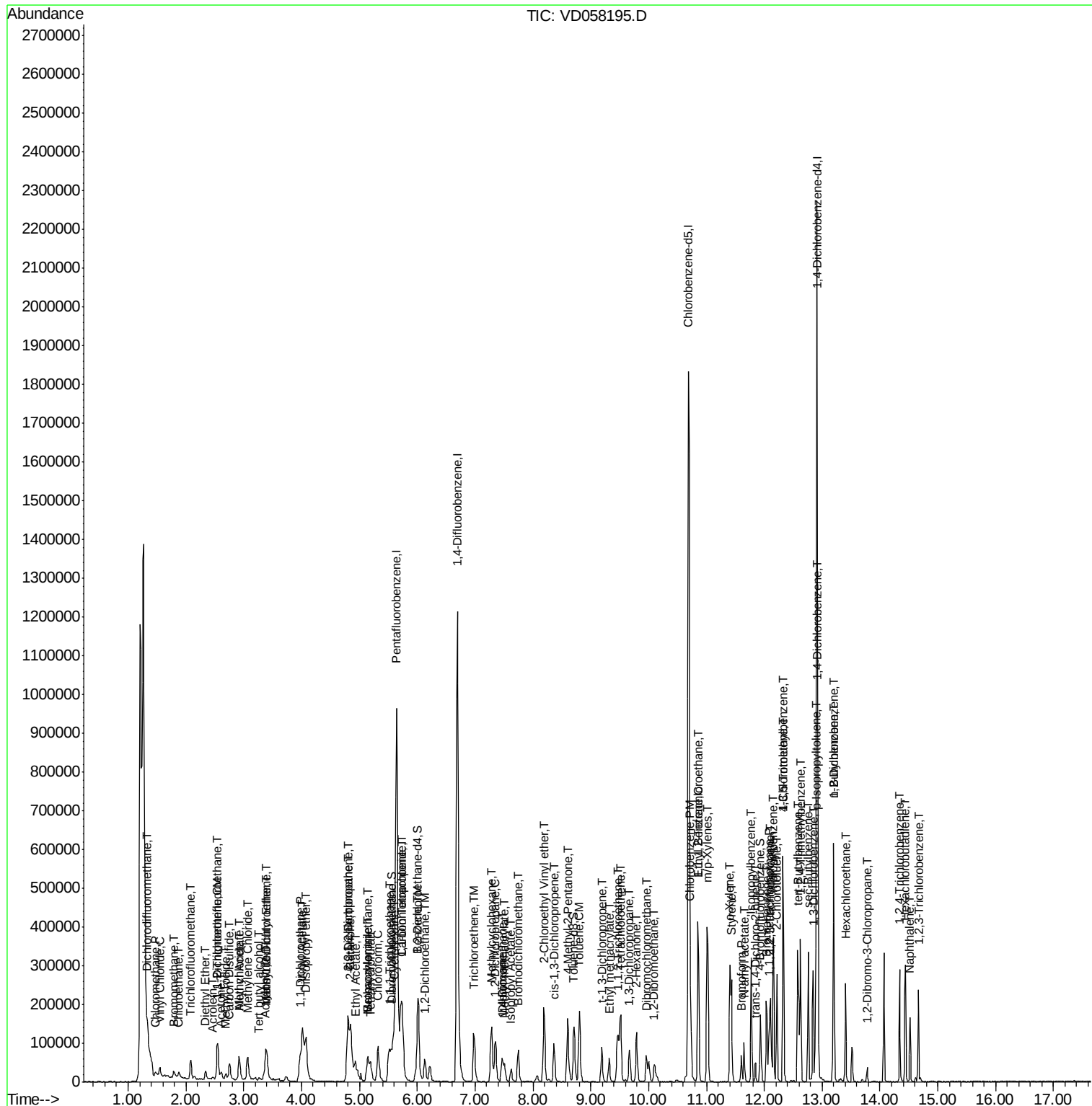
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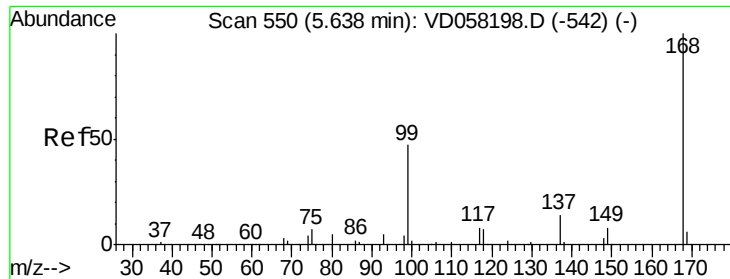
Data File : VD058195.D

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Acq On      : 19 Jun 2018   15:34
Operator    : VA/AP
Sample      : VSTDIC005
Misc       : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial    : 4      Sample Multiplier: 1
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**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
VSTDICC005

Quant Time: Jun 20 05:01:13 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:00:55 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

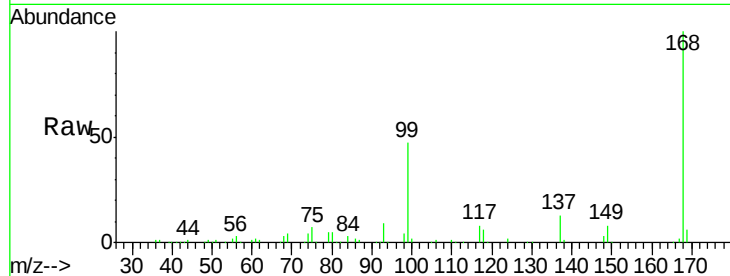
VSTDIC005

Tgt Ion:168 Resp: 996454

Ion Ratio Lower Upper

168 100

99 47.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

400000

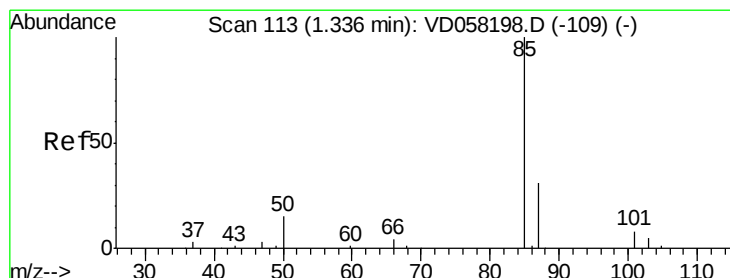
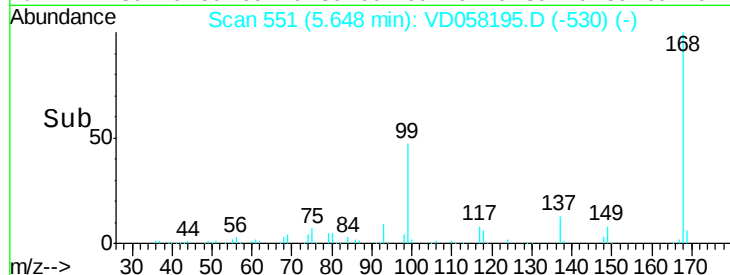
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.590 ug/l

RT: 1.34 min Scan# 113

Delta R.T. 0.00 min

Lab File: VD058195.D

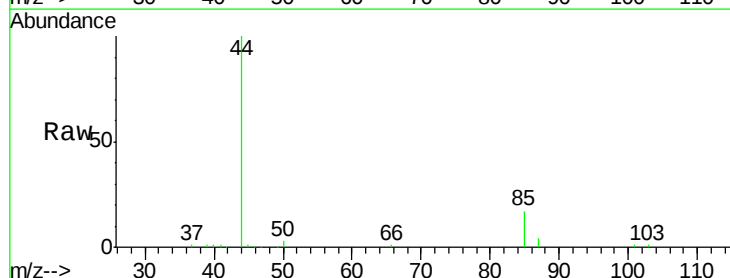
Acq: 19 Jun 2018 15:34

Tgt Ion: 85 Resp: 46039

Ion Ratio Lower Upper

85 100

87 25.3 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.34

20000

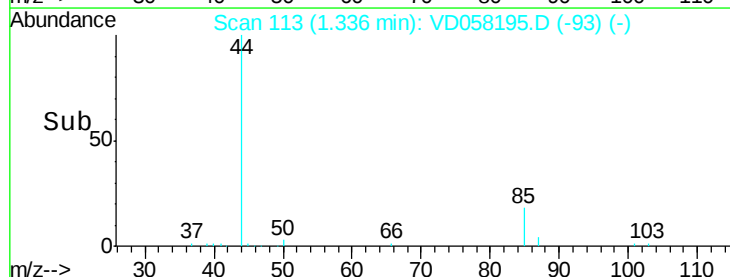
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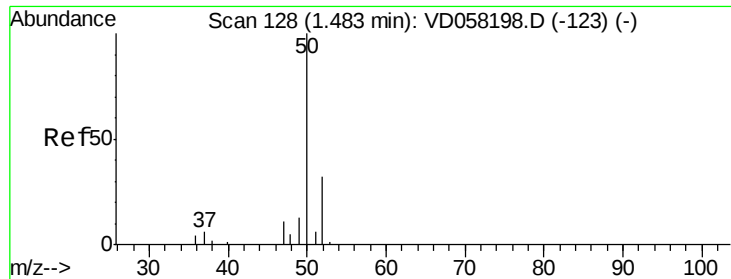
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.497 ug/l

RT: 1.47 min Scan# 127

Delta R.T. -0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

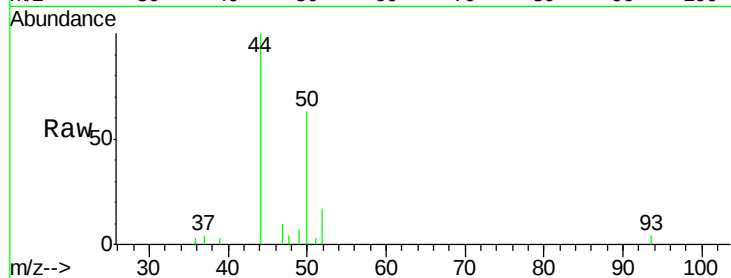
VSTDIC005

Tgt Ion: 50 Resp: 28453

Ion Ratio Lower Upper

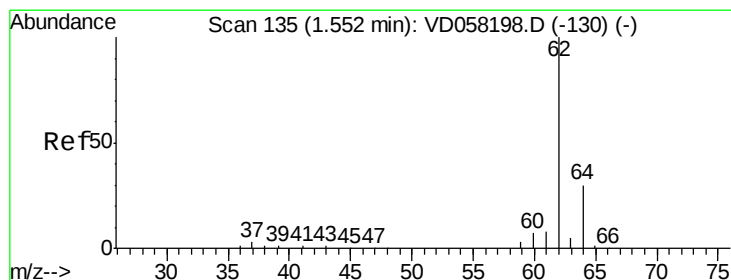
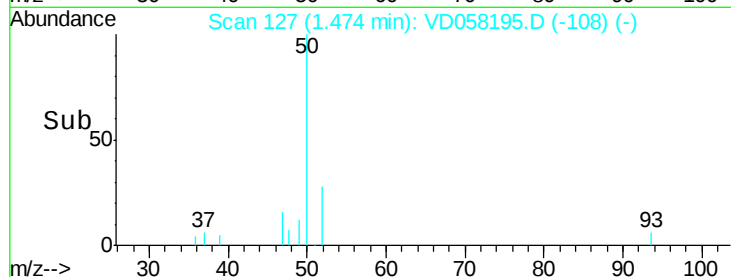
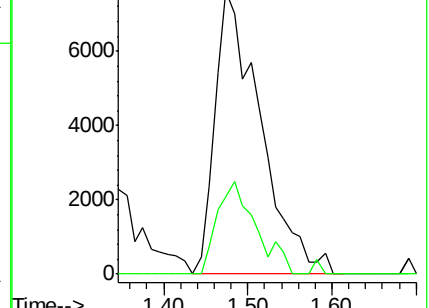
50 100

52 27.5 25.0 37.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 4.533 ug/l

RT: 1.55 min Scan# 135

Delta R.T. 0.00 min

Lab File: VD058195.D

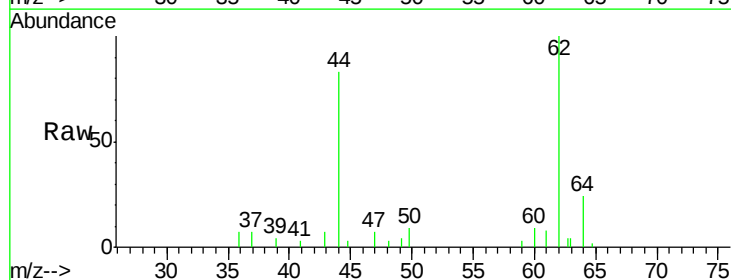
Acq: 19 Jun 2018 15:34

Tgt Ion: 62 Resp: 28019

Ion Ratio Lower Upper

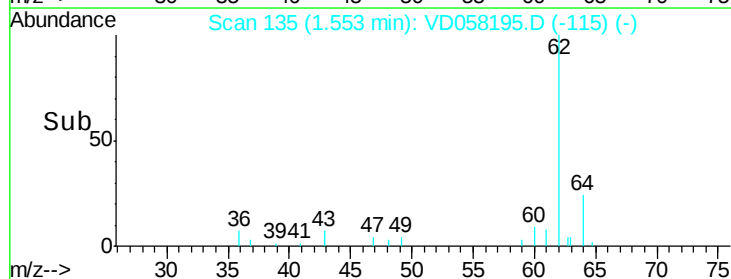
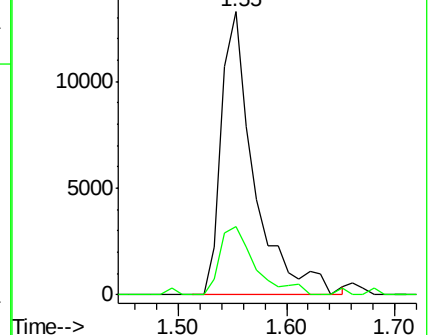
62 100

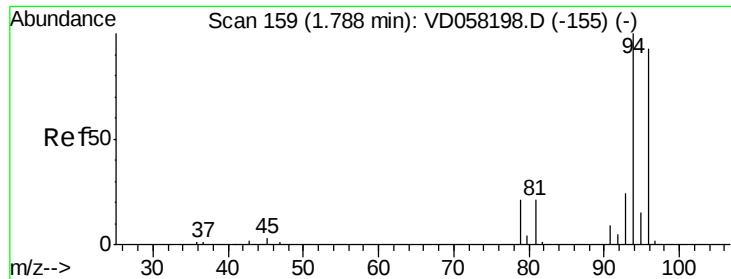
64 23.9 24.4 36.6#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

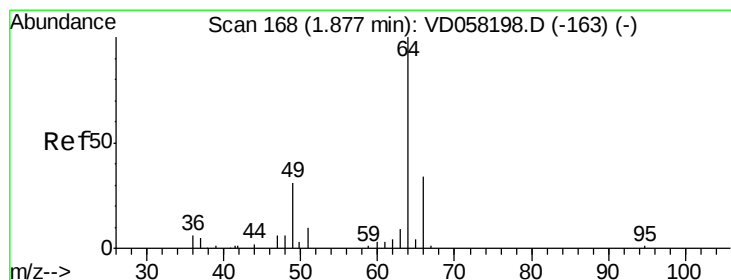
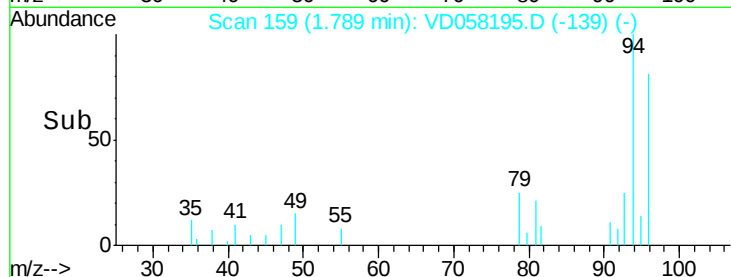
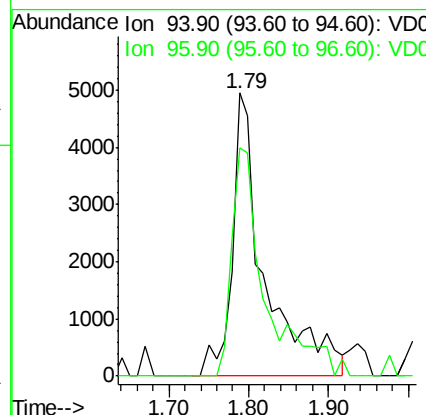
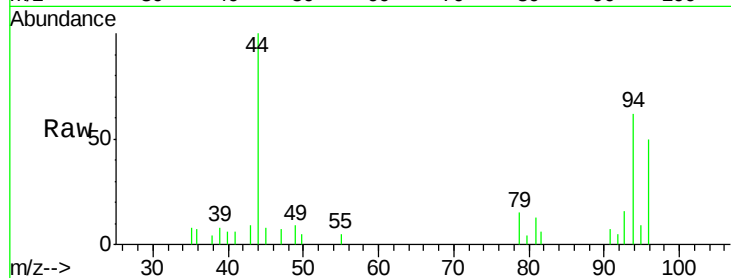




#5  
Bromomethane  
Concen: 6.063 ug/l  
RT: 1.79 min Scan# 159  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

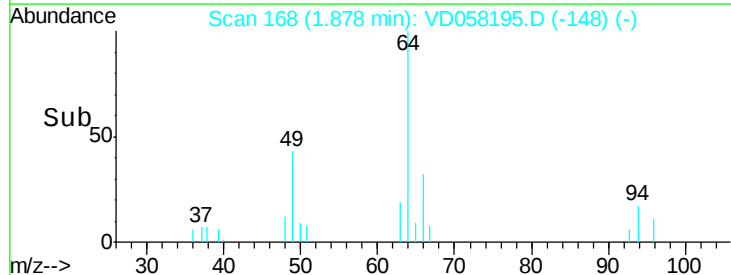
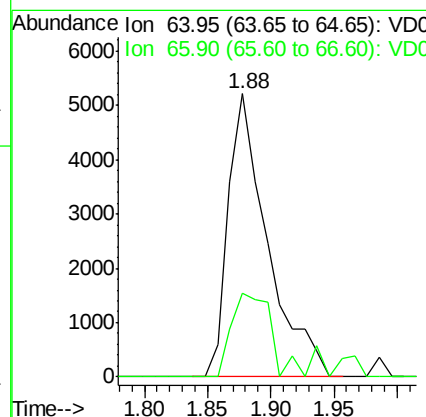
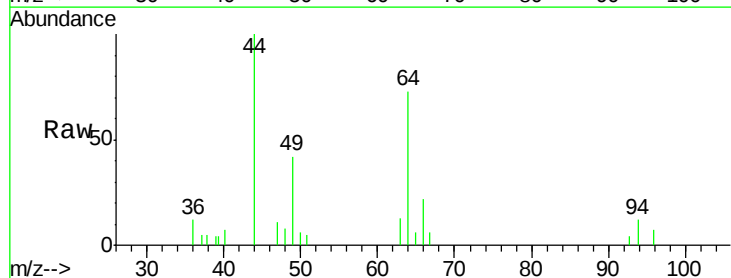
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

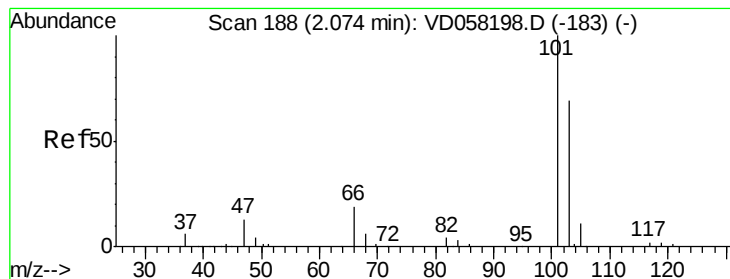
Tgt Ion: 94 Resp: 14183  
Ion Ratio Lower Upper  
94 100  
96 80.8 74.2 111.2



#6  
Chloroethane  
Concen: 4.724 ug/l  
RT: 1.88 min Scan# 168  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 64 Resp: 11233  
Ion Ratio Lower Upper  
64 100  
66 29.7 27.3 40.9



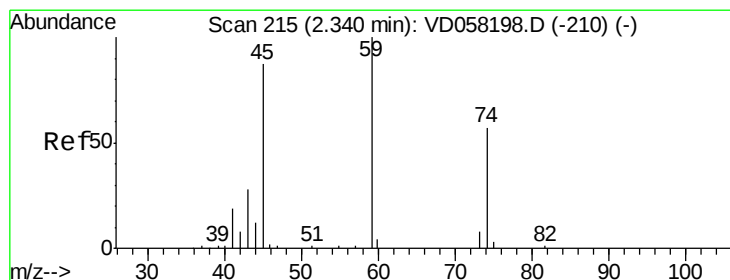
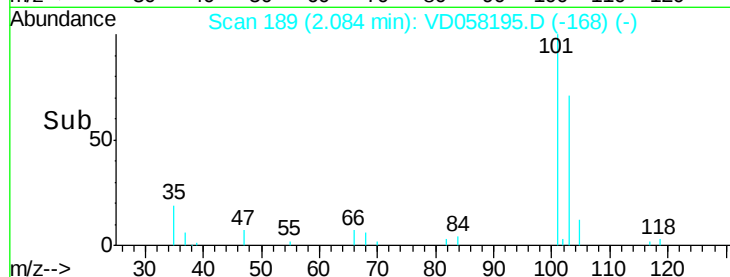
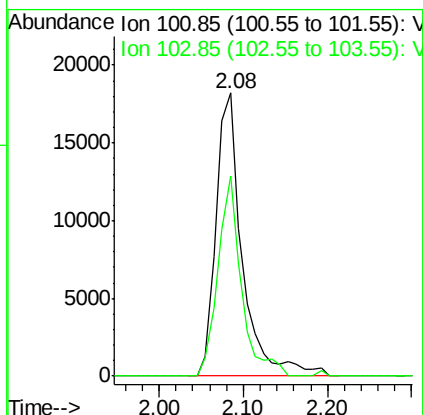
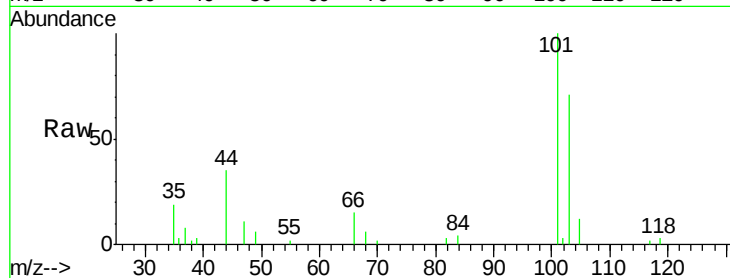


#7

Trichlorofluoromethane  
 Concen: 4.698 ug/l  
 RT: 2.08 min Scan# 189  
 Delta R.T. 0.01 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

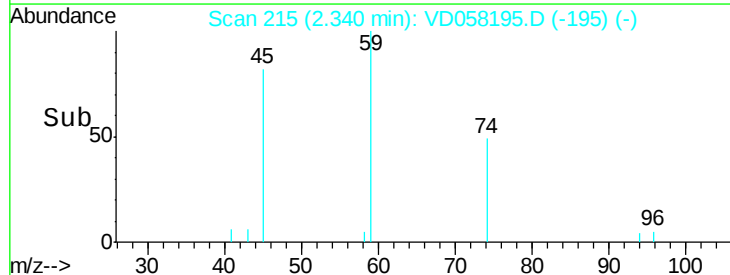
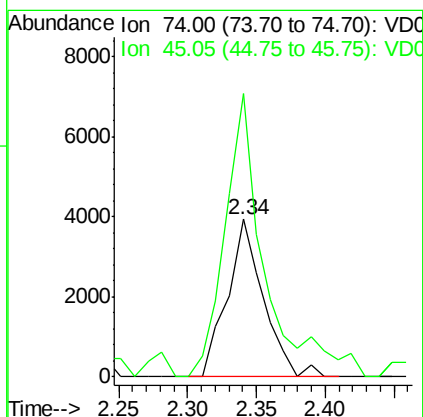
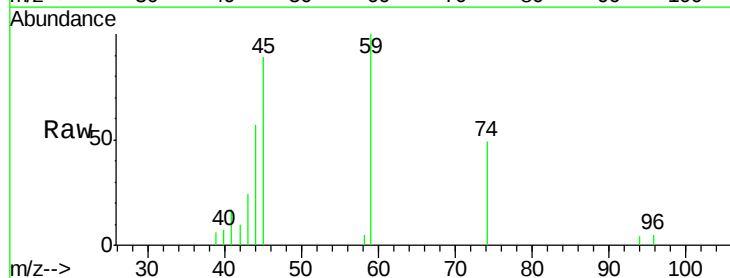
Tgt Ion: 101 Resp: 39301  
 Ion Ratio Lower Upper  
 101 100  
 103 70.5 55.1 82.7

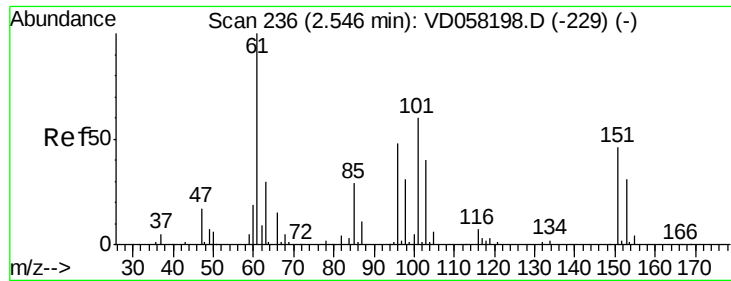


#8

Diethyl Ether  
 Concen: 4.518 ug/l  
 RT: 2.34 min Scan# 215  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion: 74 Resp: 7200  
 Ion Ratio Lower Upper  
 74 100  
 45 179.9 77.5 232.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.875 ug/l

RT: 2.55 min Scan# 236

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

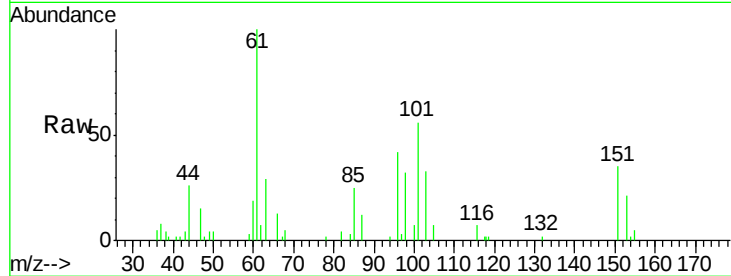
Tgt Ion:101 Resp: 24578

Ion Ratio Lower Upper

101 100

85 43.8 39.0 58.4

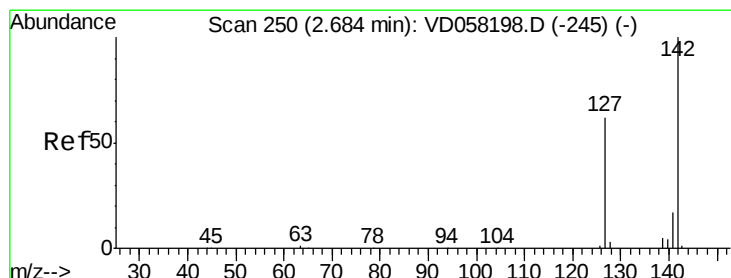
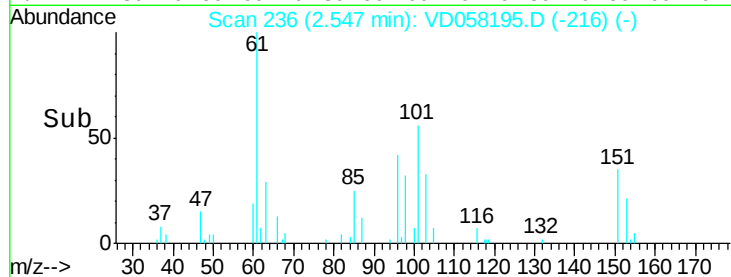
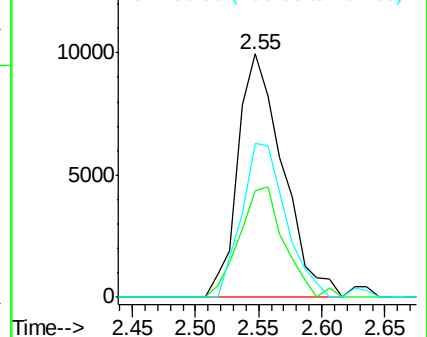
151 63.2 61.8 92.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 3.604 ug/l

RT: 2.68 min Scan# 250

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

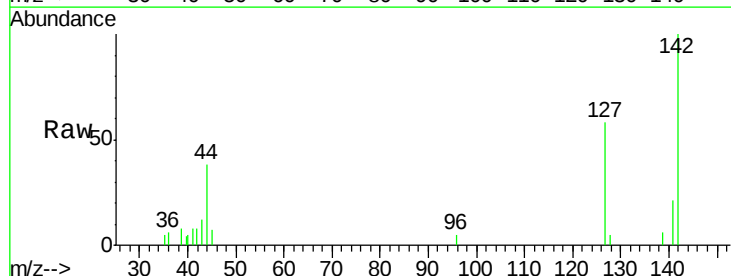
Tgt Ion:142 Resp: 23297

Ion Ratio Lower Upper

142 100

127 57.7 49.4 74.0

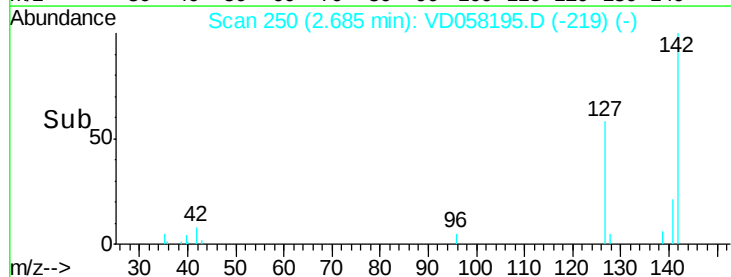
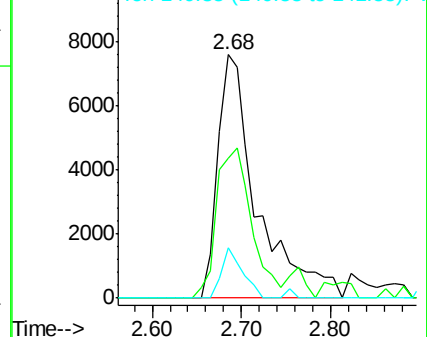
141 20.9 13.5 20.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

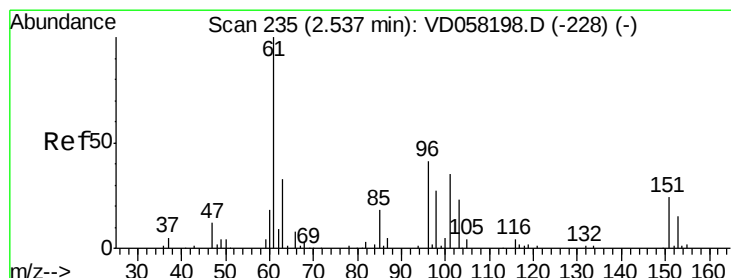
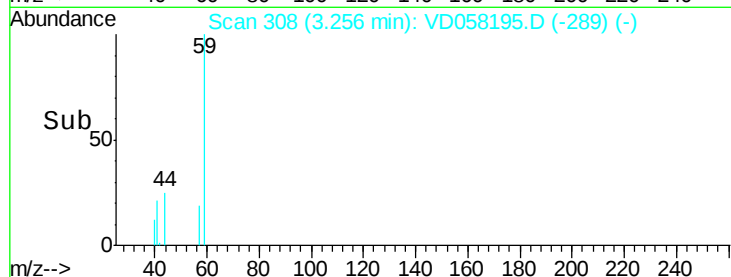
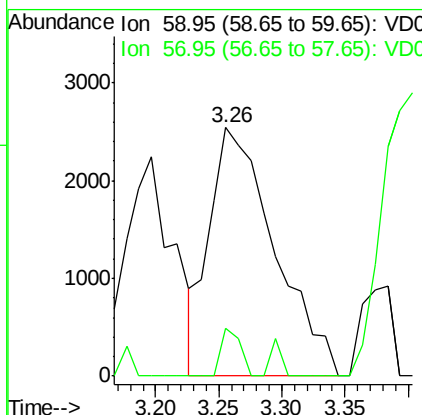
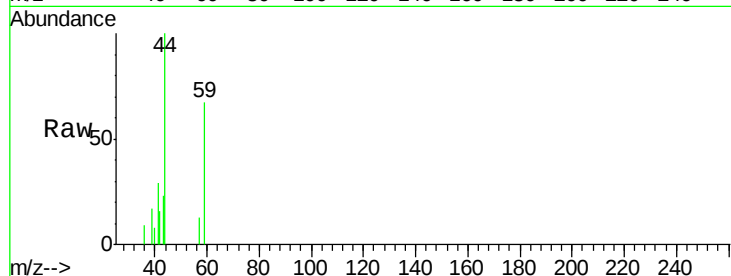




#11  
Tert butyl alcohol  
Concen: 33.318 ug/l  
RT: 3.26 min Scan# 308  
Delta R.T. -0.01 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

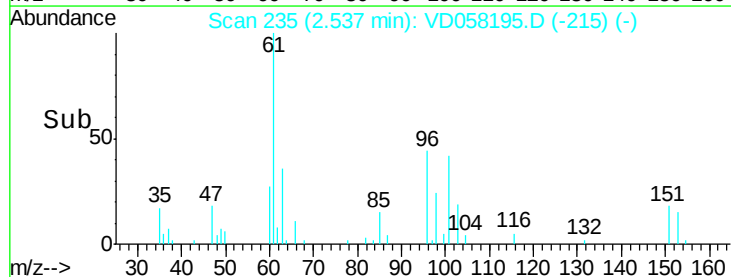
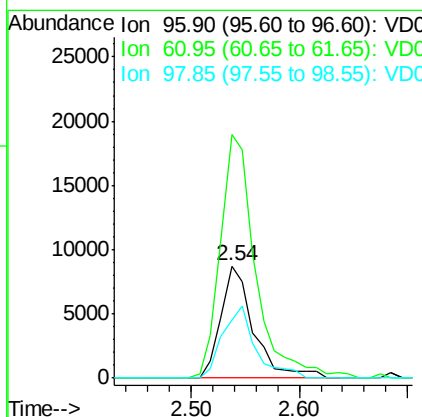
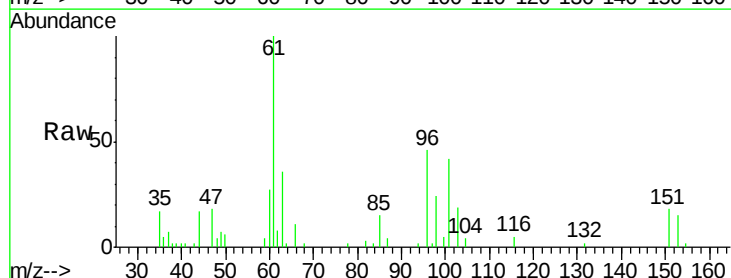
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

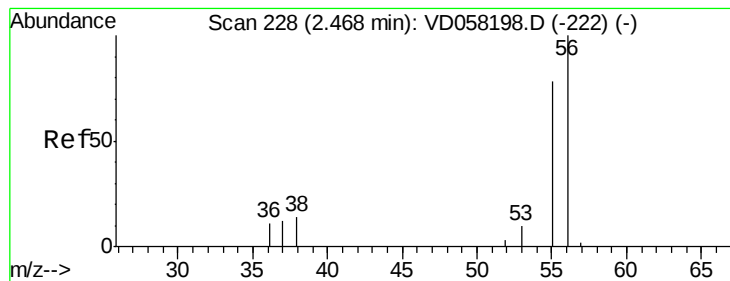
Tgt Ion: 59 Resp: 9115  
Ion Ratio Lower Upper  
59 100  
57 19.2 6.2 9.4#



#12  
1,1-Dichloroethene  
Concen: 4.738 ug/l  
RT: 2.54 min Scan# 235  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 96 Resp: 18361  
Ion Ratio Lower Upper  
96 100  
61 216.7 193.9 290.9  
98 52.1 51.7 77.5





#13

Acrolein

Concen: 16.719 ug/l

RT: 2.47 min Scan# 228

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

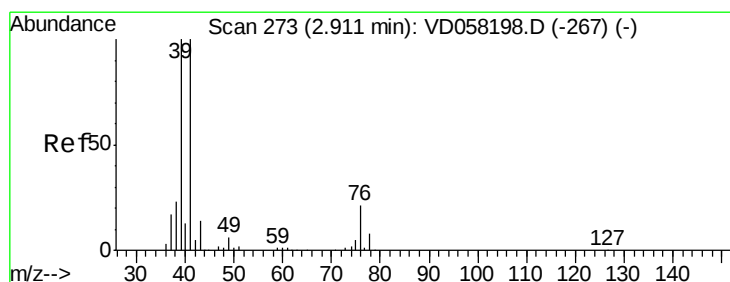
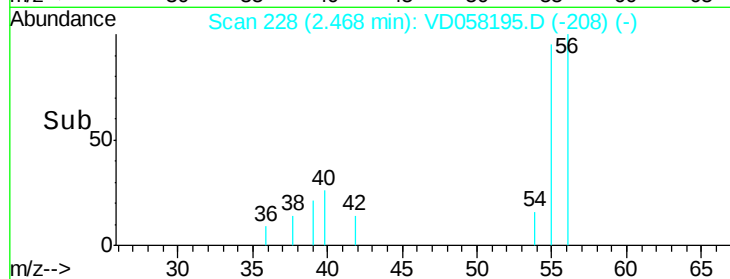
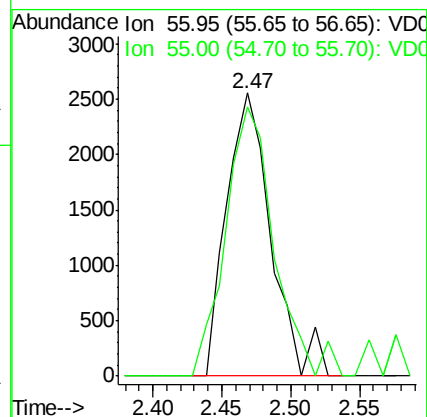
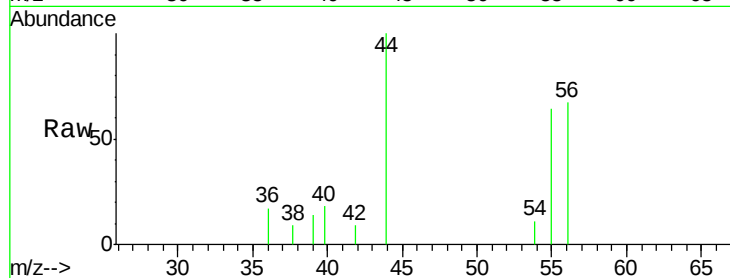
VSTDIC005

Tgt Ion: 56 Resp: 5737

Ion Ratio Lower Upper

56 100

55 95.1 62.1 93.1#



#14

Allyl chloride

Concen: 4.521 ug/l

RT: 2.92 min Scan# 274

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

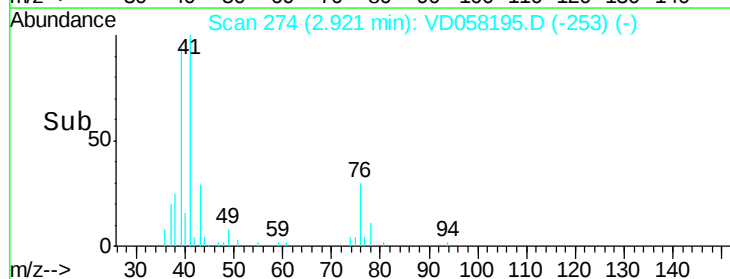
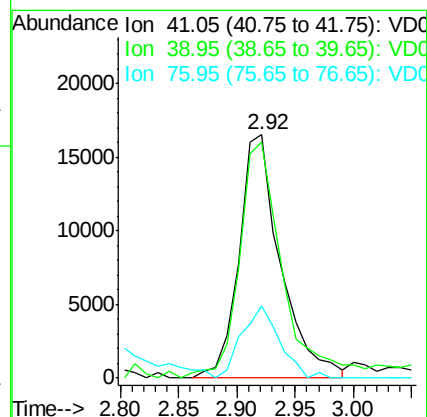
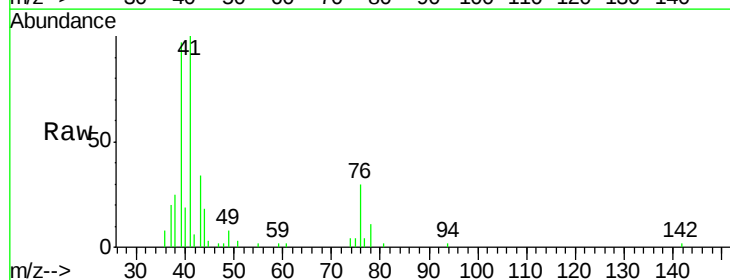
Tgt Ion: 41 Resp: 40934

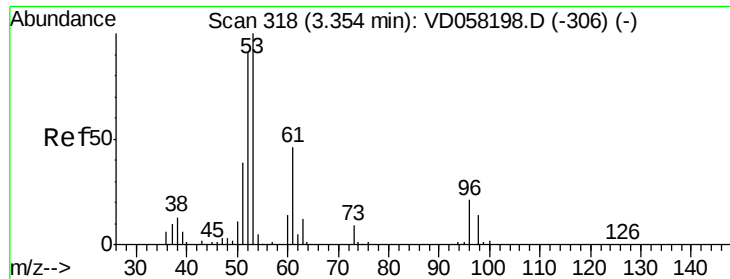
Ion Ratio Lower Upper

41 100

39 97.0 80.1 120.1

76 29.5 19.4 29.2#





#15

Acrylonitrile

Concen: 15.261 ug/l

RT: 3.35 min Scan# 318

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

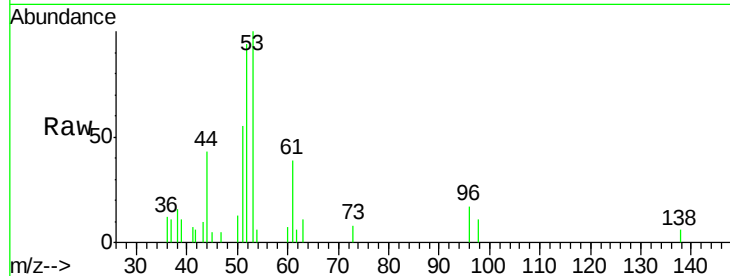
Tgt Ion: 53 Resp: 22299

Ion Ratio Lower Upper

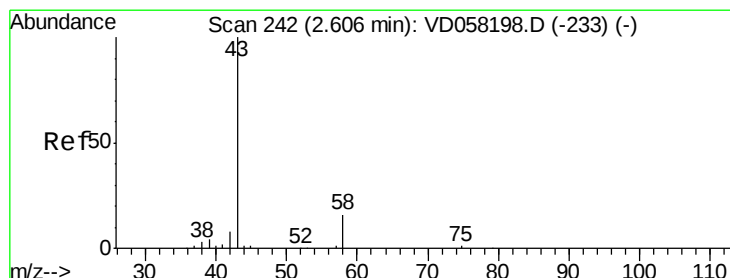
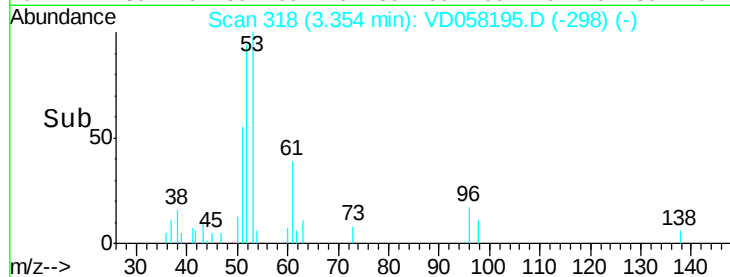
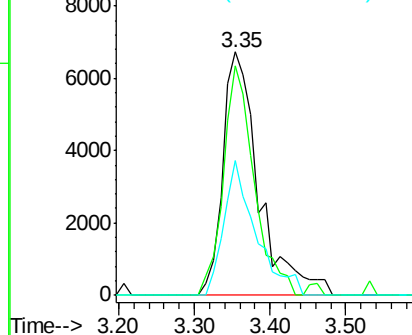
53 100

52 94.4 72.6 108.8

51 55.1 32.2 48.4#



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 26.177 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058195.D

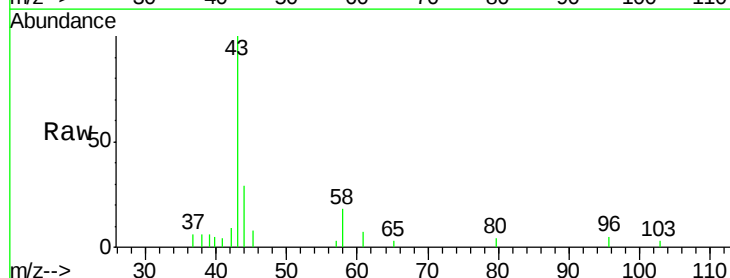
Acq: 19 Jun 2018 15:34

Tgt Ion: 43 Resp: 37614

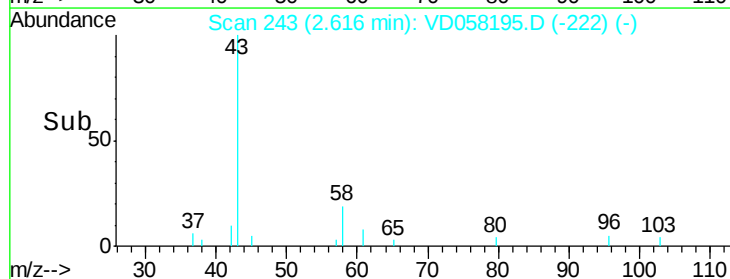
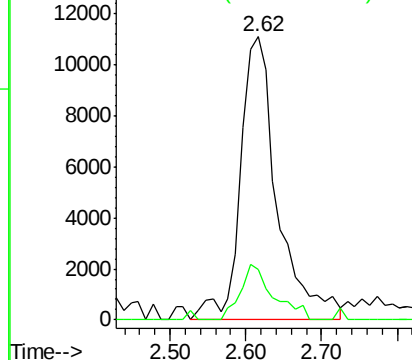
Ion Ratio Lower Upper

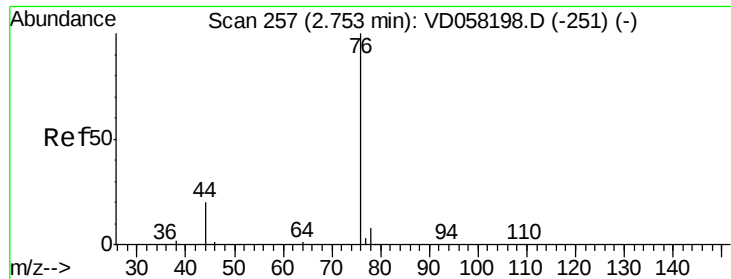
43 100

58 17.6 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

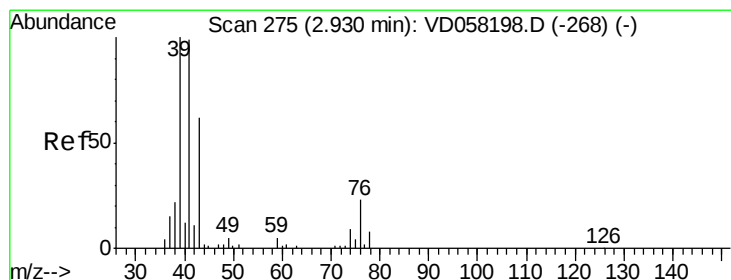
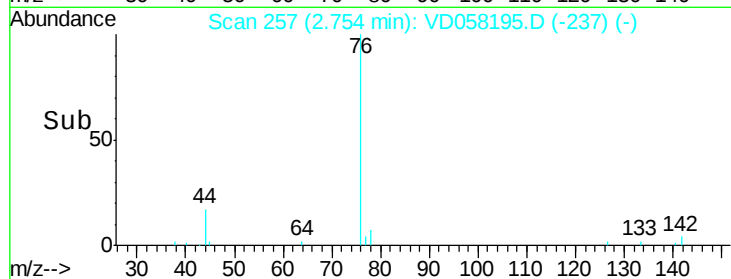
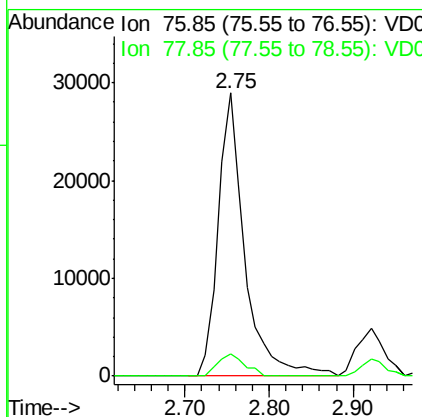
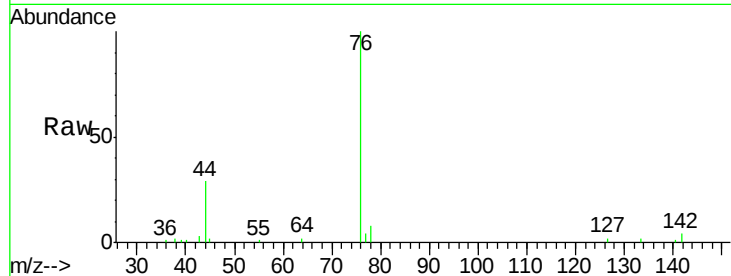




#17  
Carbon Disulfide  
Concen: 4.551 ug/l  
RT: 2.75 min Scan# 257  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

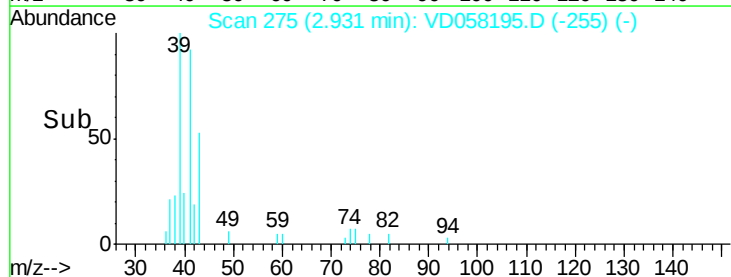
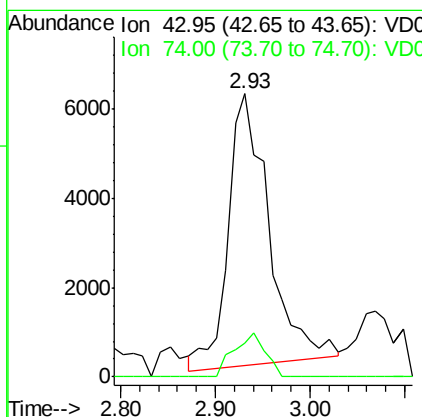
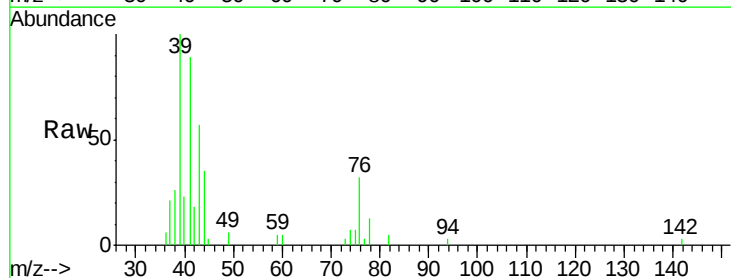
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

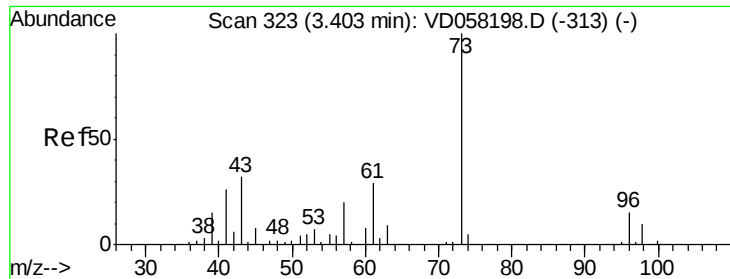
Tgt Ion: 76 Resp: 63223  
Ion Ratio Lower Upper  
76 100  
78 8.0 6.8 10.2



#18  
Methyl Acetate  
Concen: 6.383 ug/l  
RT: 2.93 min Scan# 275  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 43 Resp: 18175  
Ion Ratio Lower Upper  
43 100  
74 11.9 11.7 17.5

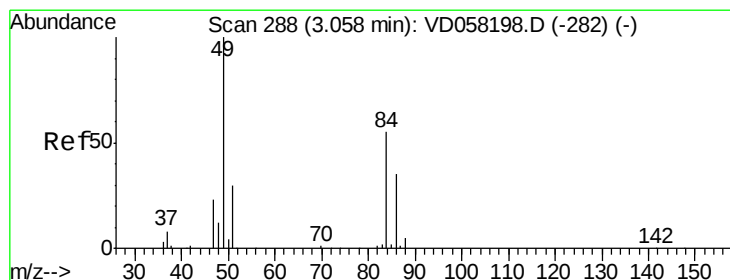
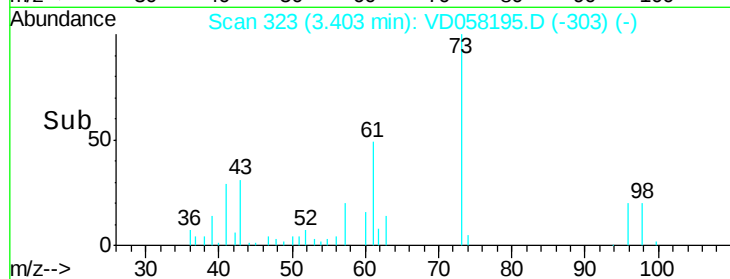
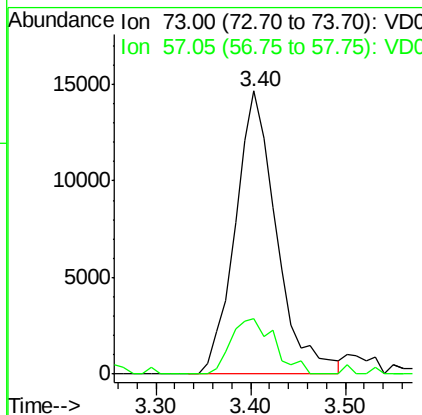
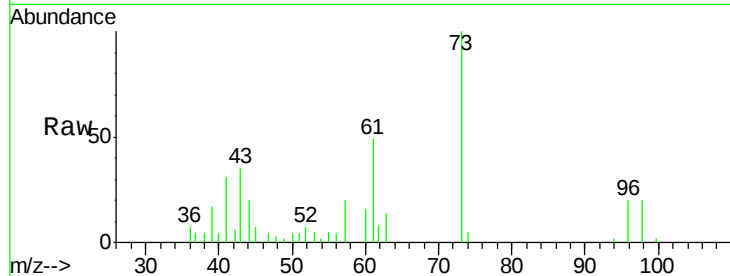




#19  
Methyl tert-butyl Ether  
Concen: 2.735 ug/l  
RT: 3.40 min Scan# 323  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

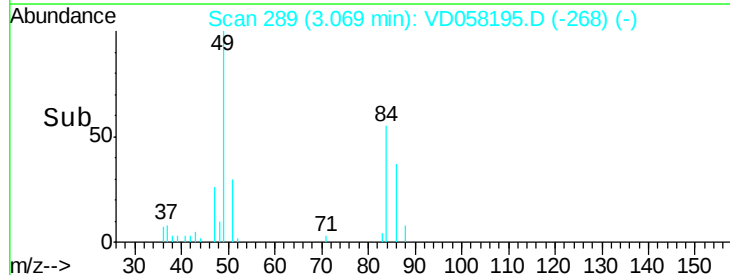
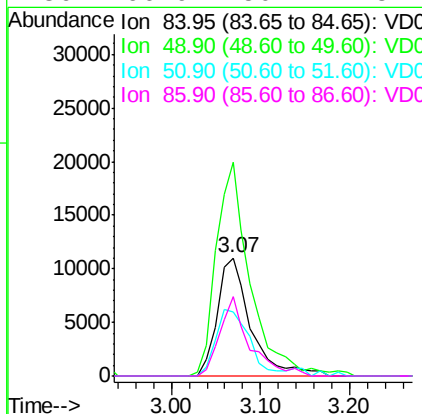
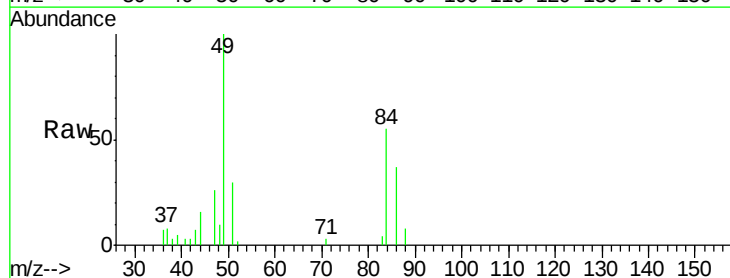
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

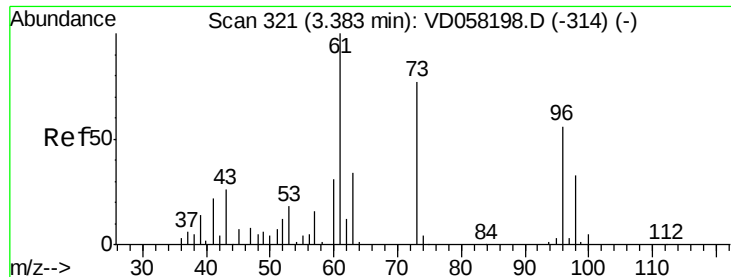
Tgt Ion: 73 Resp: 44264  
Ion Ratio Lower Upper  
73 100  
57 19.8 16.6 24.8



#20  
Methylene Chloride  
Concen: 5.960 ug/l  
RT: 3.07 min Scan# 289  
Delta R.T. 0.01 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 84 Resp: 28740  
Ion Ratio Lower Upper  
84 100  
49 180.8 145.0 217.6  
51 53.9 42.9 64.3  
86 66.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 2.478 ug/l

RT: 3.38 min Scan# 321

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

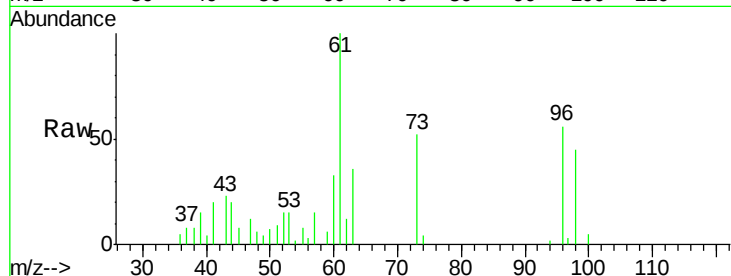
Tgt Ion: 96 Resp: 19790

Ion Ratio Lower Upper

96 100

61 179.8 143.8 215.6

98 80.5 48.0 72.0#



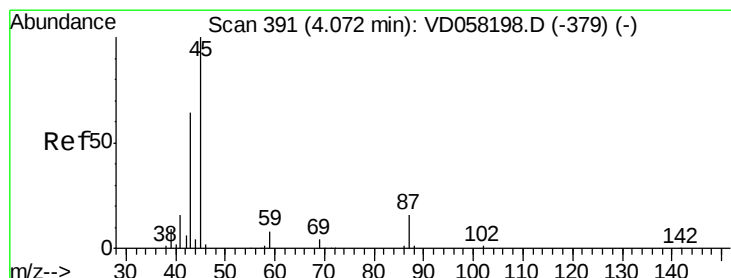
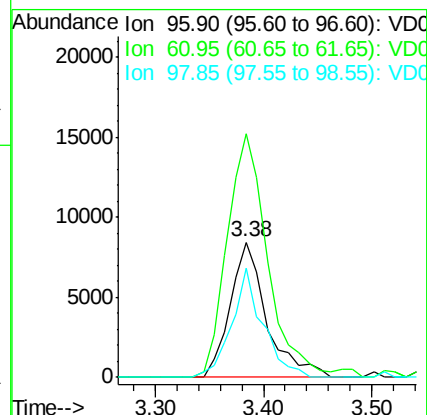
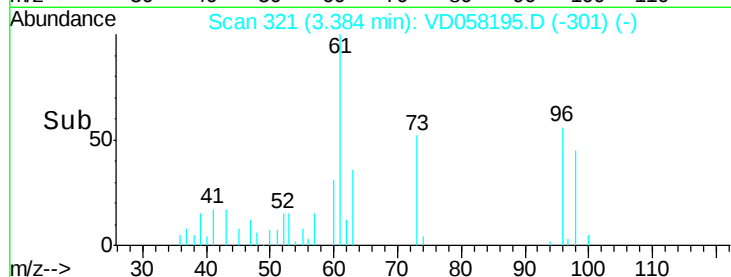
Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

Time-->



#22

Diisopropyl ether

Concen: 4.727 ug/l

RT: 4.07 min Scan# 391

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Tgt Ion: 45 Resp: 167917

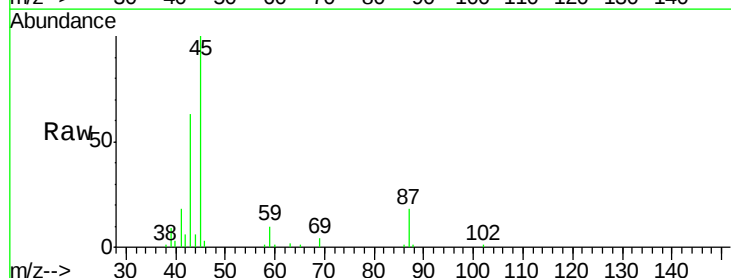
Ion Ratio Lower Upper

45 100

43 62.9 51.4 77.0

87 18.5 13.0 19.4

59 10.2 6.9 10.3



Abundance

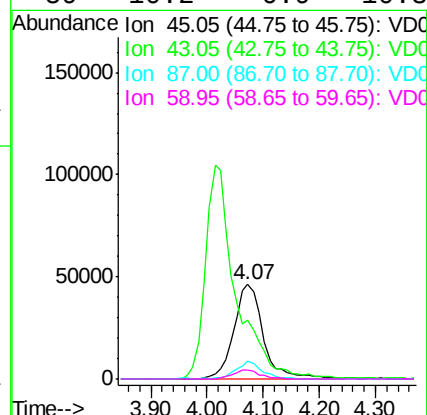
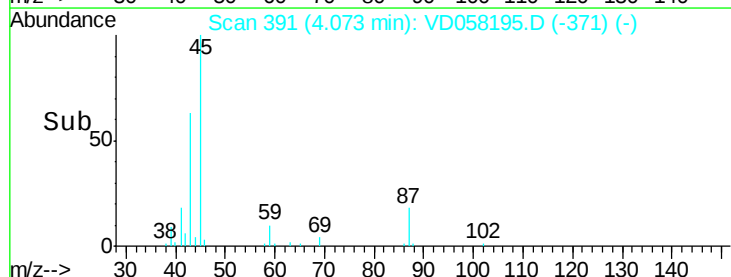
Ion 45.05 (44.75 to 45.75): VDC

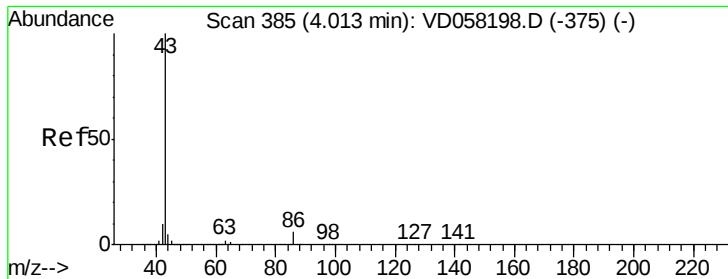
Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC

Time-->





#23

Vinyl Acetate

Concen: 21.166 ug/l

RT: 4.01 min Scan# 385

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

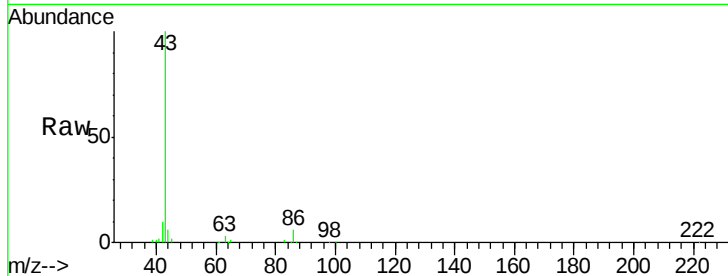
VSTDIC005

Tgt Ion: 43 Resp: 392123

Ion Ratio Lower Upper

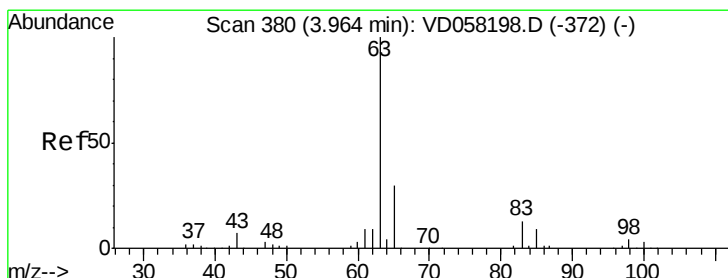
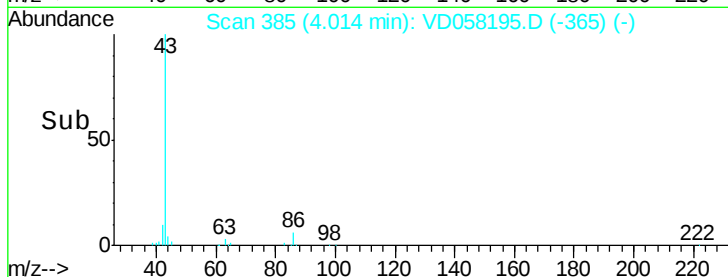
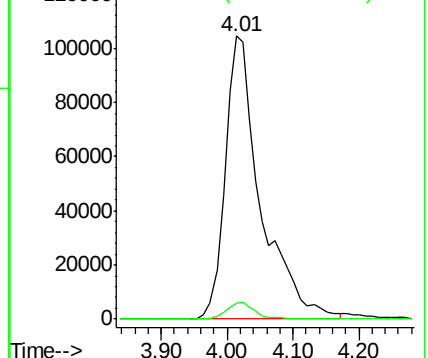
43 100

86 5.6 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.546 ug/l

RT: 3.97 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

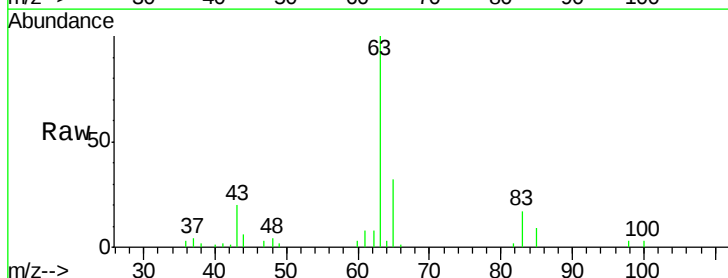
Tgt Ion: 63 Resp: 88897

Ion Ratio Lower Upper

63 100

98 3.3 1.9 5.7

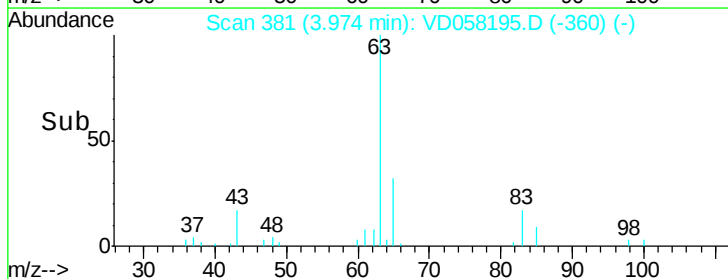
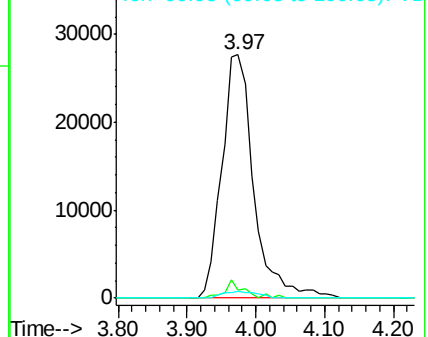
100 2.7 1.3 3.9

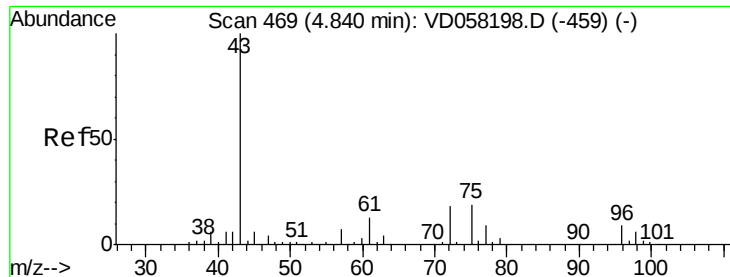


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 25.382 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

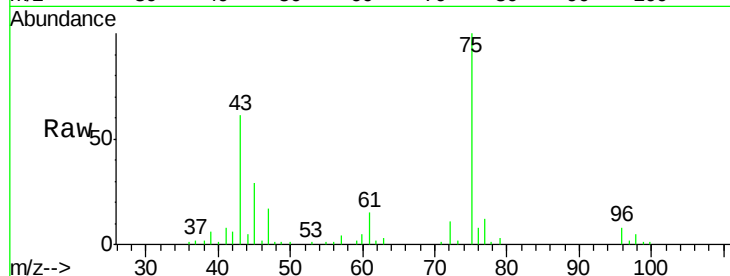
VSTDIC005

Tgt Ion: 43 Resp: 81847

Ion Ratio Lower Upper

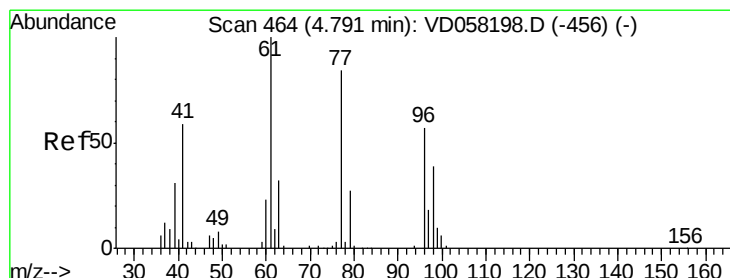
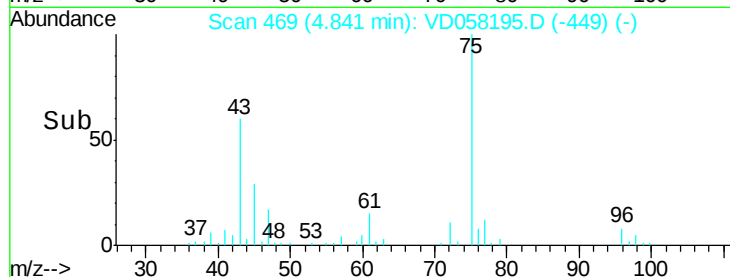
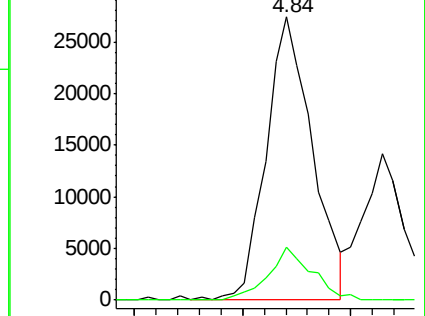
43 100

72 18.6 14.1 21.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.068 ug/l

RT: 4.79 min Scan# 464

Delta R.T. 0.00 min

Lab File: VD058195.D

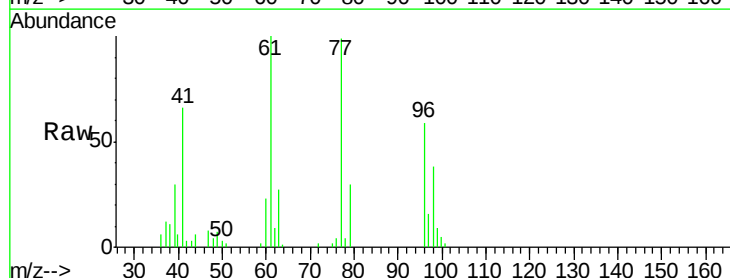
Acq: 19 Jun 2018 15:34

Tgt Ion: 77 Resp: 81454

Ion Ratio Lower Upper

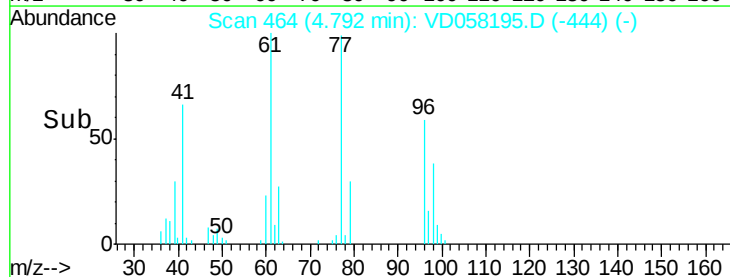
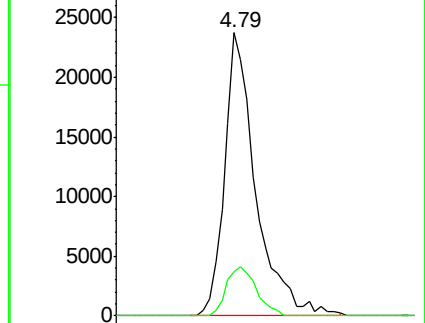
77 100

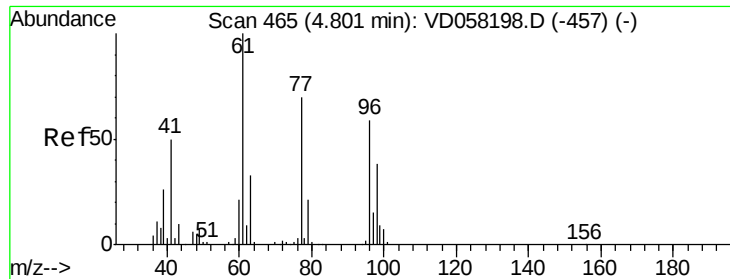
97 15.8 10.5 31.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 4.802 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

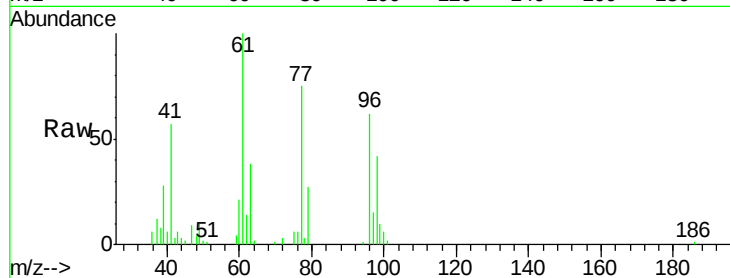
Tgt Ion: 96 Resp: 49563

Ion Ratio Lower Upper

96 100

61 160.9 0.0 338.6

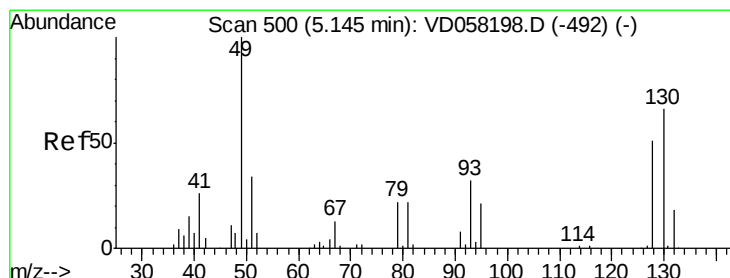
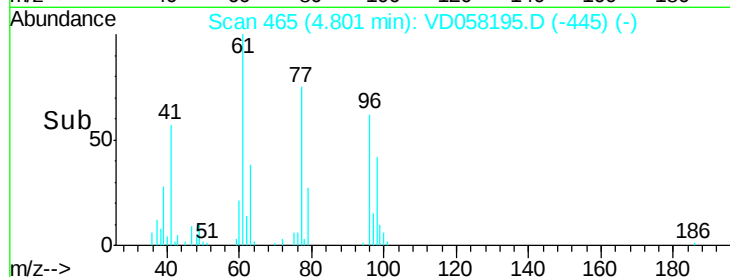
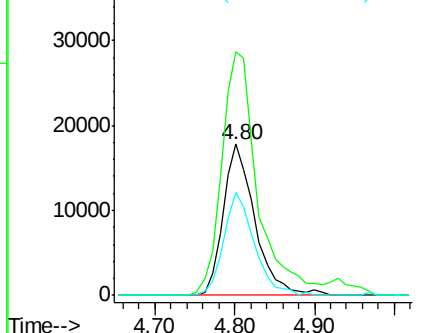
98 68.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane

Concen: 4.003 ug/l

RT: 5.15 min Scan# 500

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

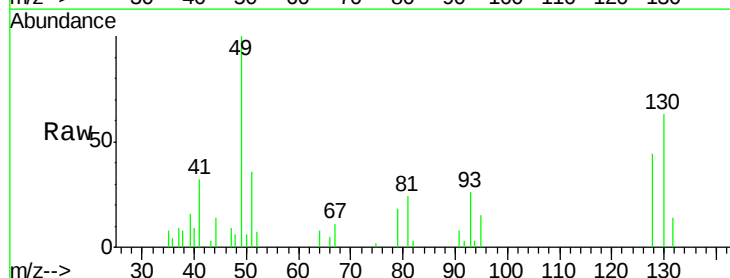
Tgt Ion: 49 Resp: 34219

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

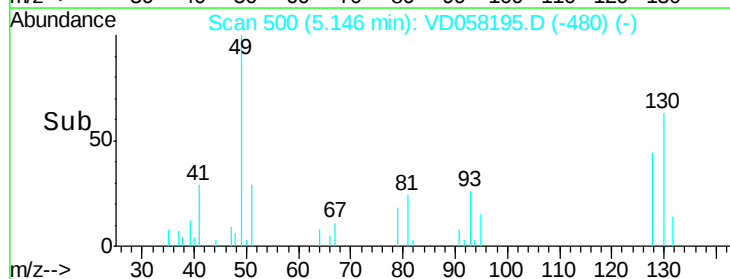
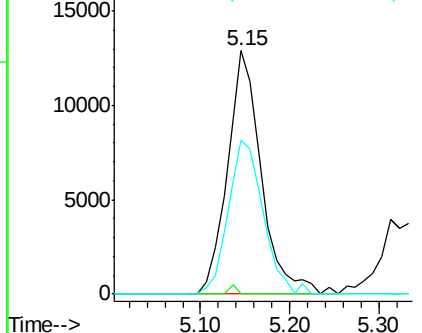
130 63.1 52.6 79.0



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 25.650 ug/l

RT: 5.20 min Scan# 505

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

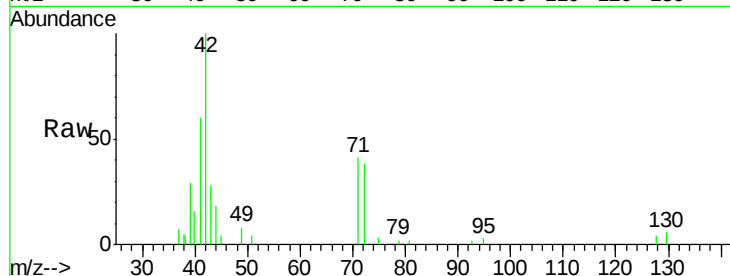
Tgt Ion: 42 Resp: 43916

Ion Ratio Lower Upper

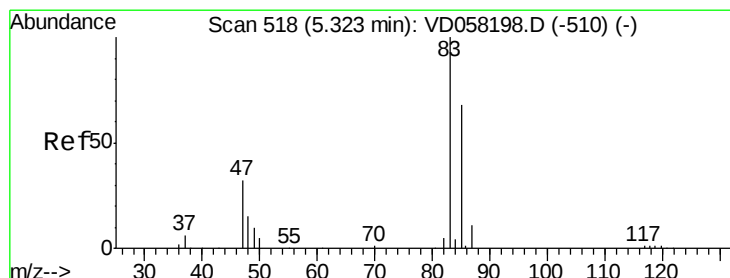
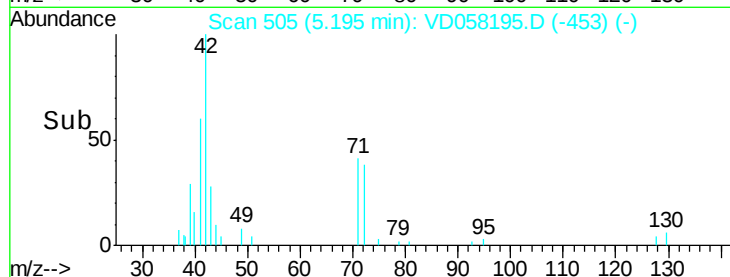
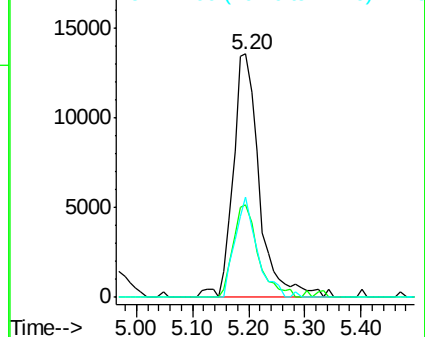
42 100

72 36.4 30.2 45.2

71 34.4 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 4.745 ug/l

RT: 5.32 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD058195.D

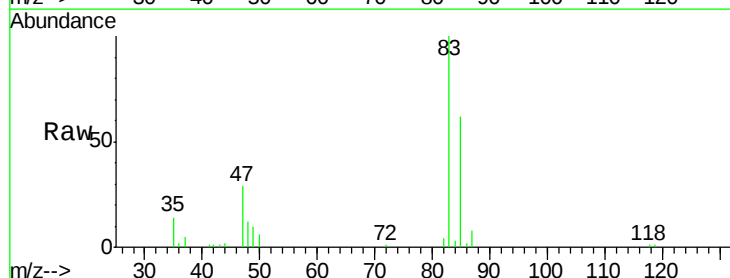
Acq: 19 Jun 2018 15:34

Tgt Ion: 83 Resp: 93911

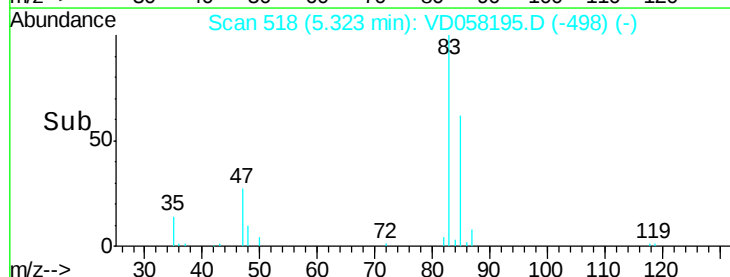
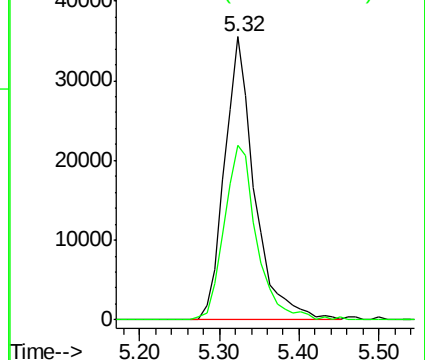
Ion Ratio Lower Upper

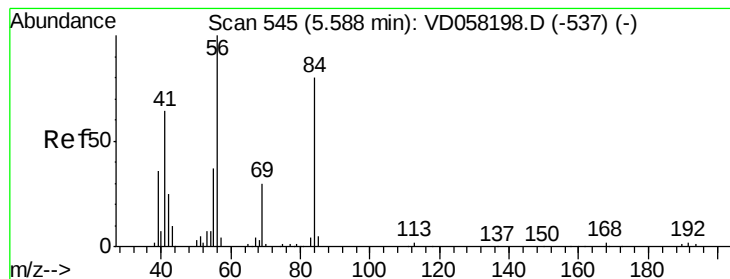
83 100

85 61.7 54.8 82.2



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 5.773 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

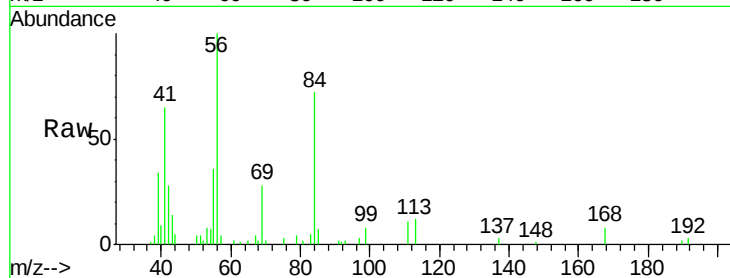
Tgt Ion: 56 Resp: 97484

Ion Ratio Lower Upper

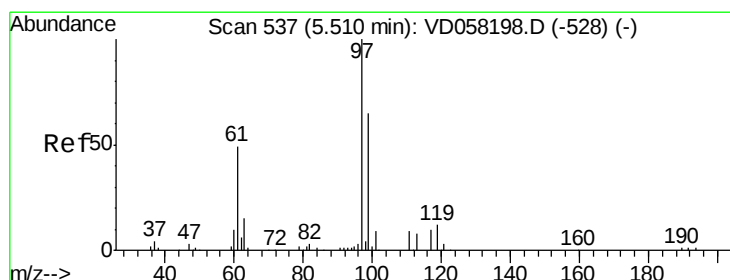
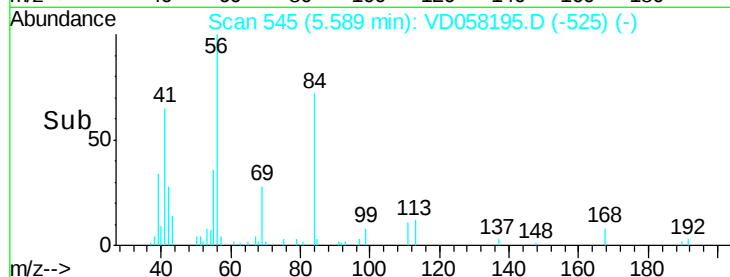
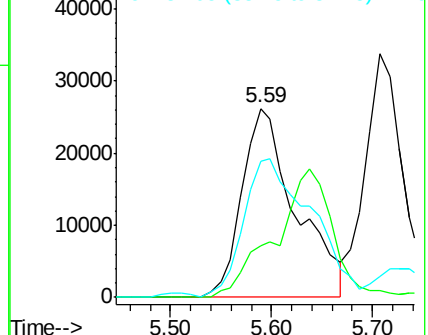
56 100

69 27.5 23.6 35.4

84 72.4 65.2 97.8



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 4.791 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

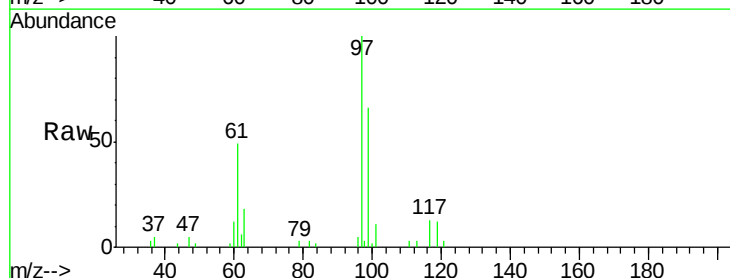
Tgt Ion: 97 Resp: 79389

Ion Ratio Lower Upper

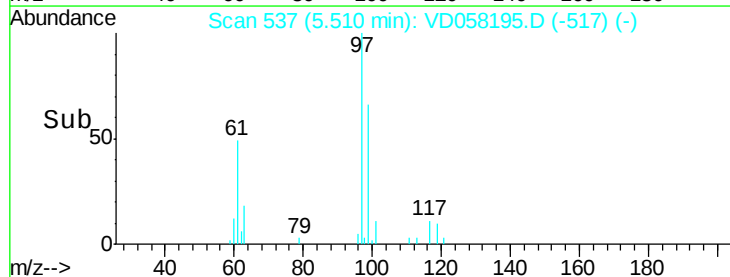
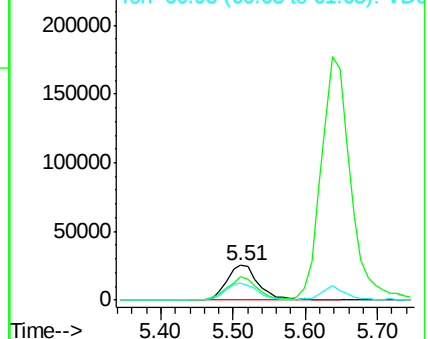
97 100

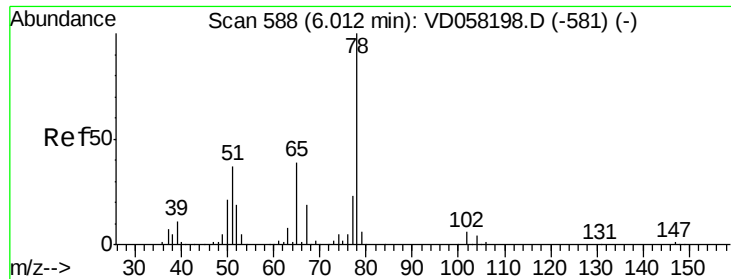
99 66.5 52.2 78.4

61 49.4 39.0 58.4



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC

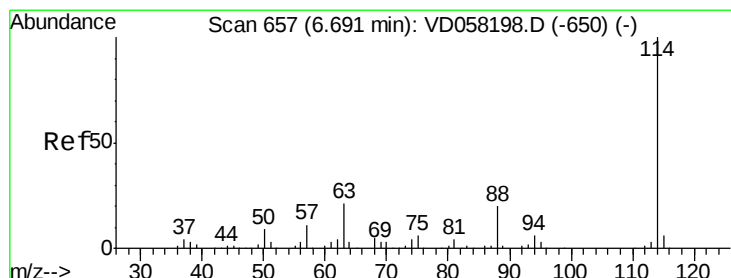
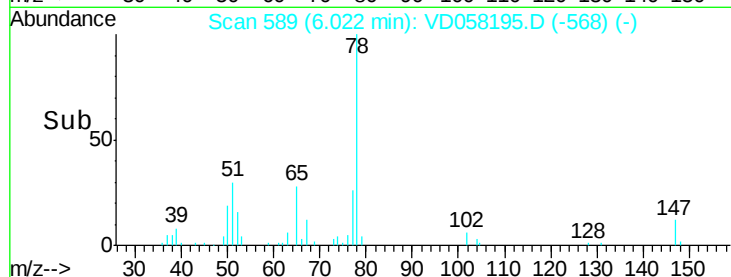
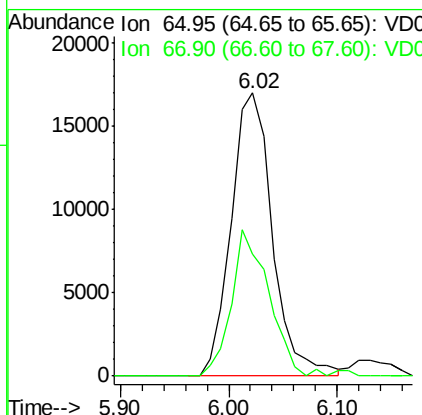
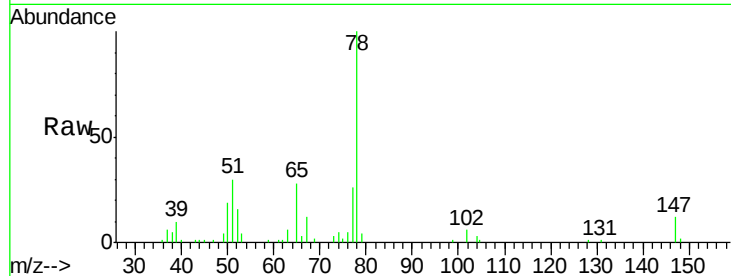




#33  
 1,2-Dichloroethane-d4  
 Concen: 4.791 ug/l  
 RT: 6.02 min Scan# 589  
 Delta R.T. 0.01 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

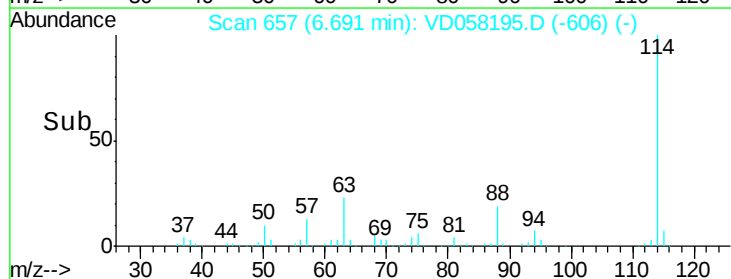
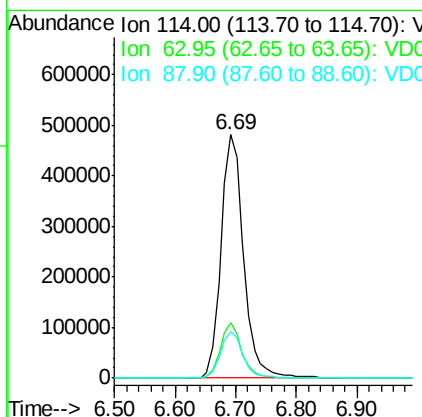
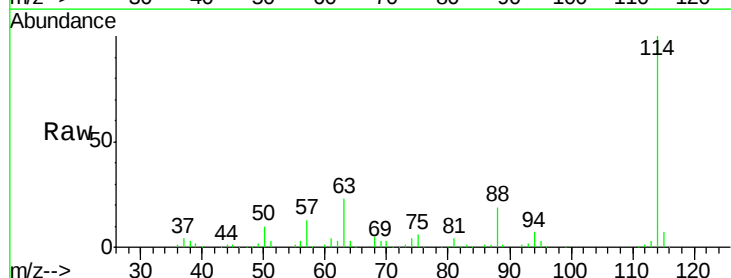
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

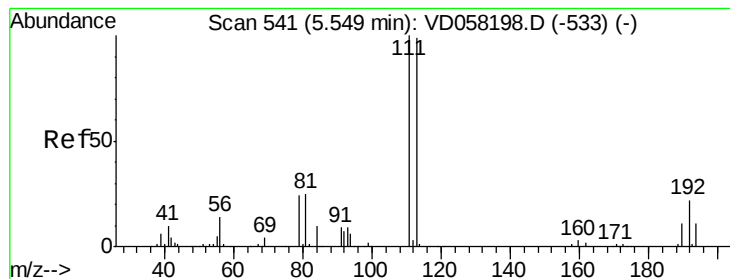
Tgt Ion: 65 Resp: 45047  
 Ion Ratio Lower Upper  
 65 100  
 67 43.3 0.0 97.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.69 min Scan# 657  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion: 114 Resp: 1245670  
 Ion Ratio Lower Upper  
 114 100  
 63 22.7 0.0 42.6  
 88 19.2 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

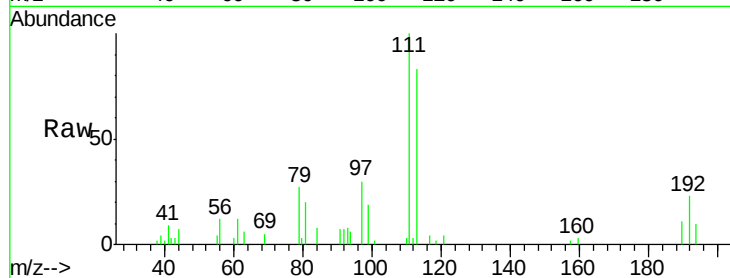
Tgt Ion:113 Resp: 47755

Ion Ratio Lower Upper

113 100

111 120.8 80.6 121.0

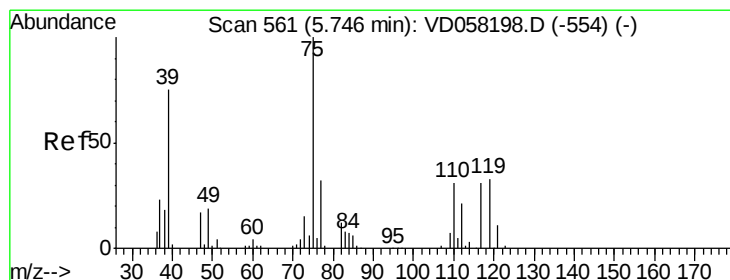
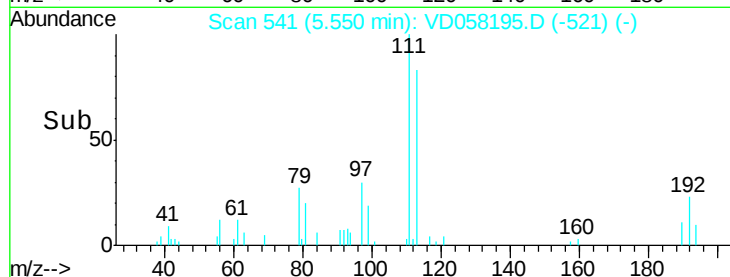
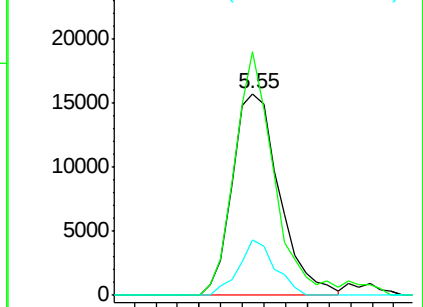
192 27.5 17.8 26.6#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 5.318 ug/l

RT: 5.74 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

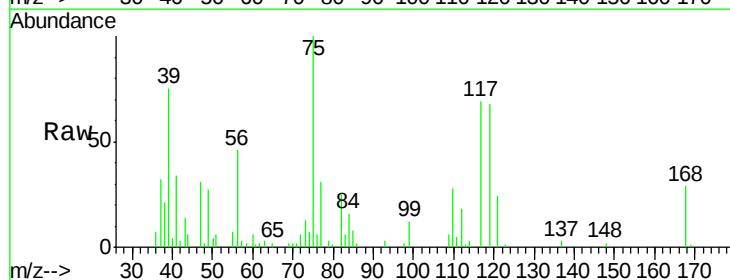
Tgt Ion: 75 Resp: 71532

Ion Ratio Lower Upper

75 100

110 27.5 15.4 46.4

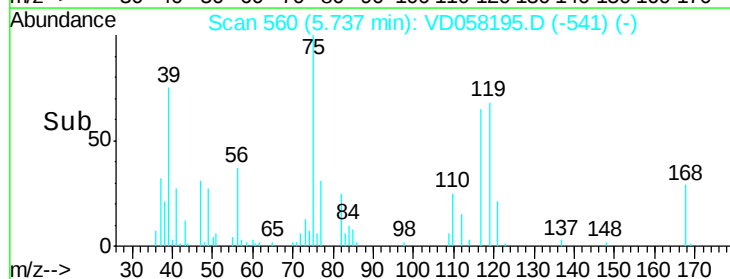
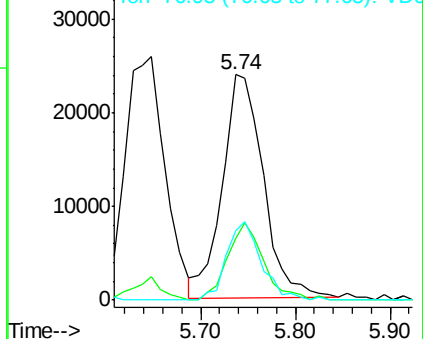
77 30.7 25.4 38.2

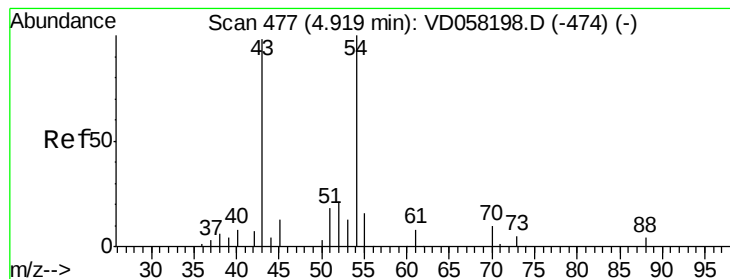


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 4.858 ug/l

RT: 4.93 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

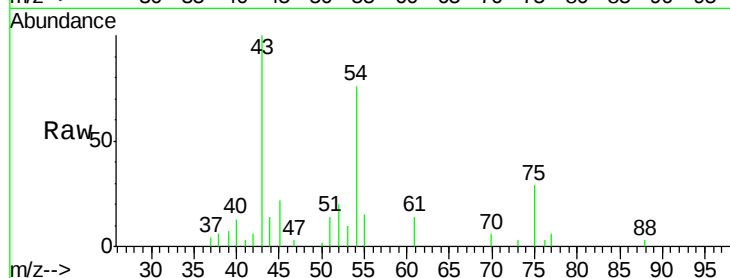
Tgt Ion: 43 Resp: 36495

Ion Ratio Lower Upper

43 100

61 13.7 10.3 15.5

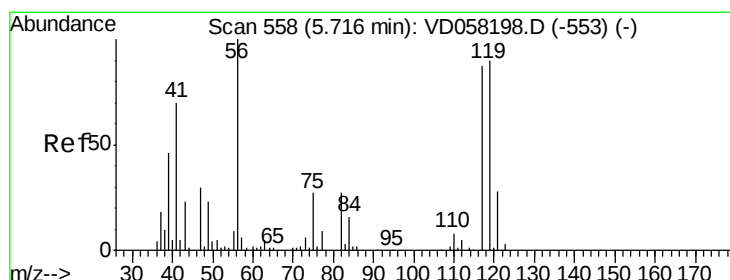
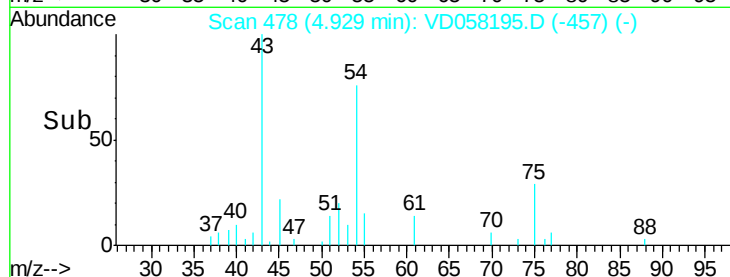
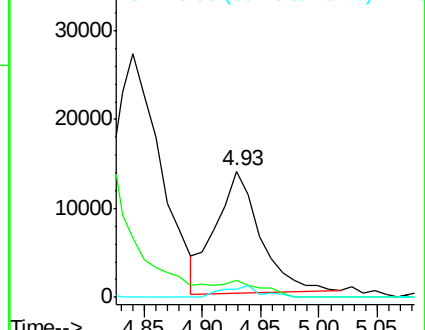
70 6.2 5.7 8.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 4.832 ug/l

RT: 5.73 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

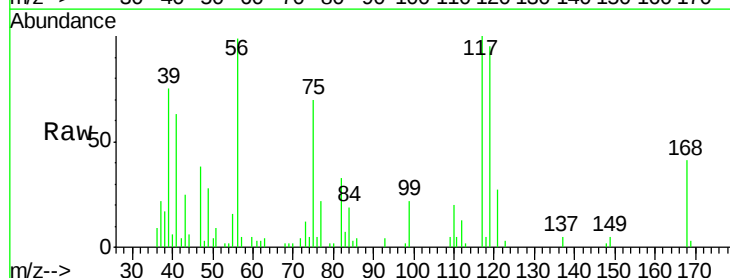
Tgt Ion: 117 Resp: 64270

Ion Ratio Lower Upper

117 100

119 94.6 78.8 118.2

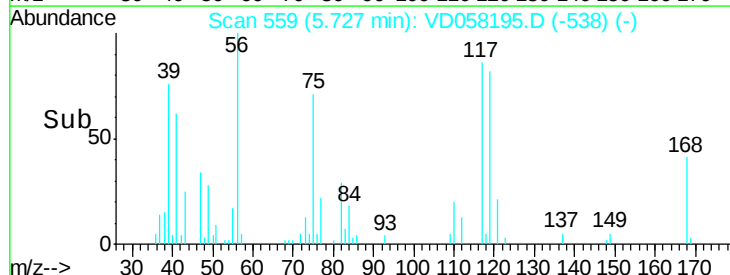
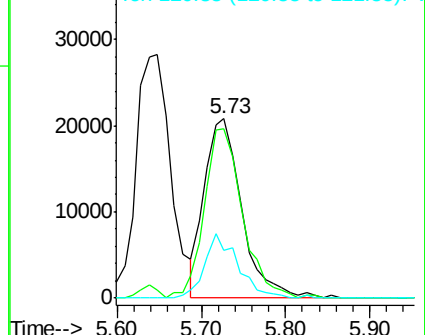
121 26.6 25.0 37.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylcyclohexane

Concen: 5.276 ug/l

RT: 7.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

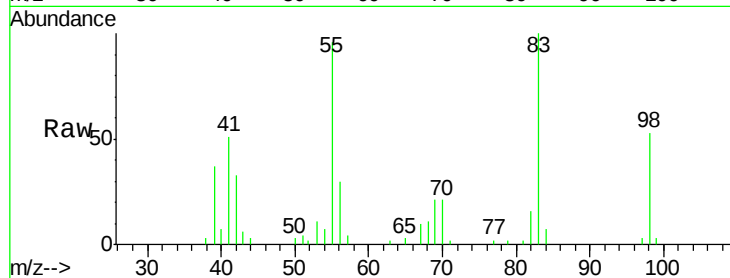
Tgt Ion: 83 Resp: 69811

Ion Ratio Lower Upper

83 100

55 96.2 77.4 116.2

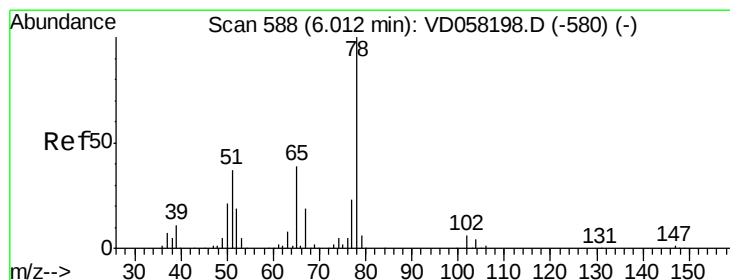
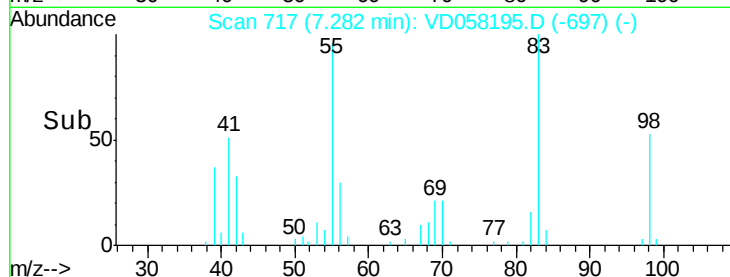
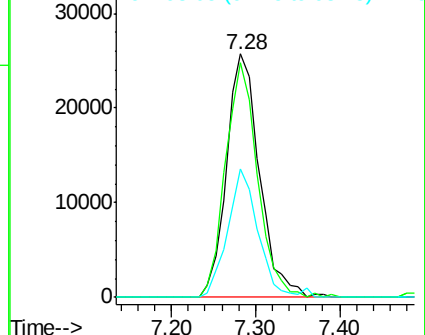
98 52.6 35.9 53.9



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 5.531 ug/l

RT: 6.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: VD058195.D

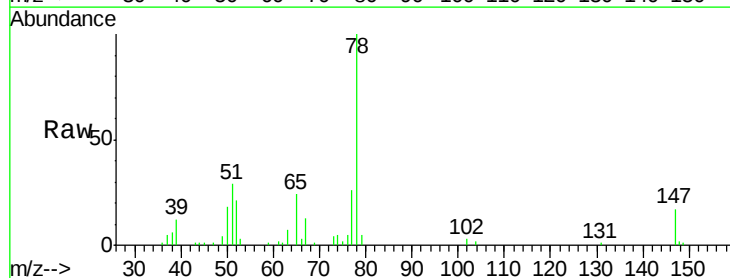
Acq: 19 Jun 2018 15:34

Tgt Ion: 78 Resp: 173877

Ion Ratio Lower Upper

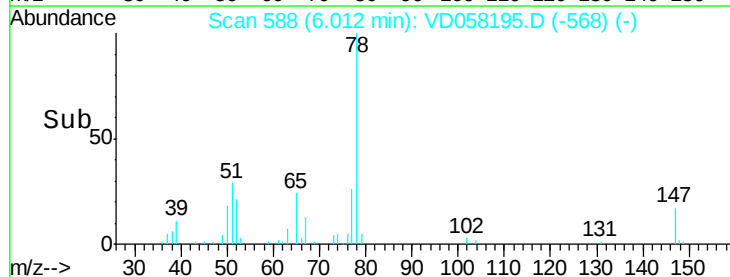
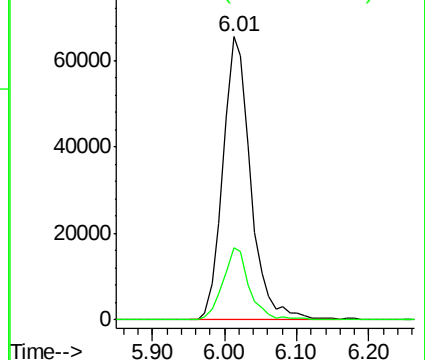
78 100

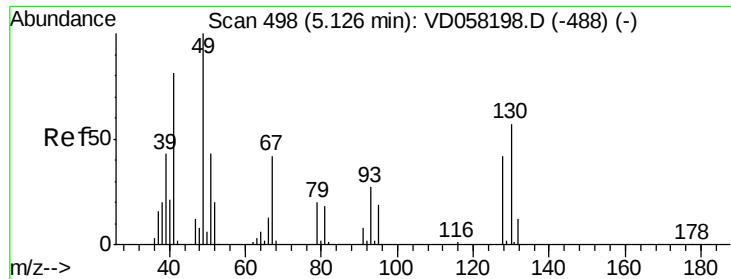
77 25.7 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 4.944 ug/l

RT: 5.13 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 16839

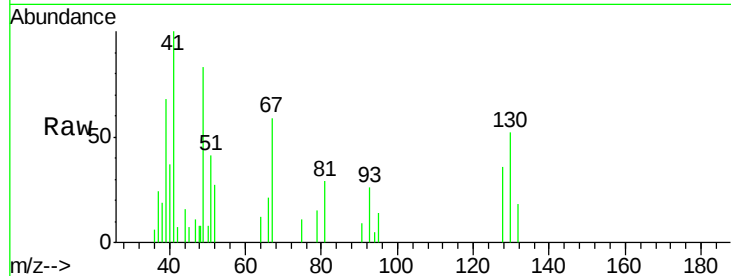
Ion Ratio Lower Upper

41 100

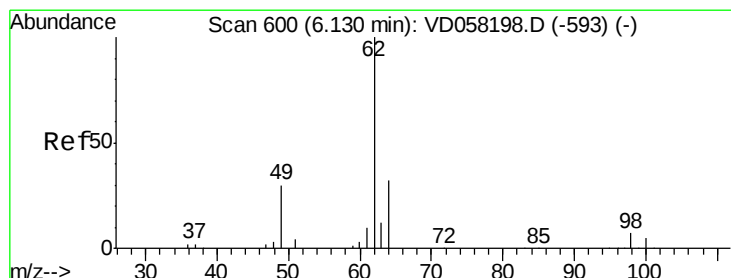
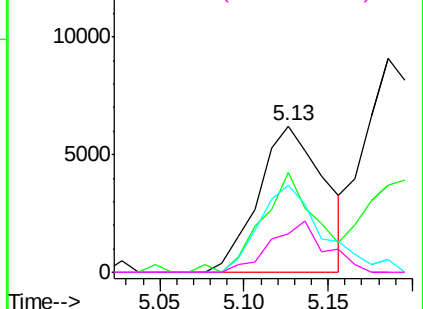
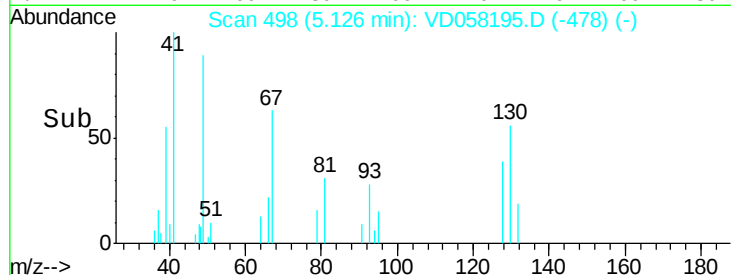
39 68.4 43.4 65.2#

67 59.2 41.7 62.5

52 26.7 20.6 30.8



Abundance Ion 40.95 (40.65 to 41.65): VDC  
 Ion 38.95 (38.65 to 39.65): VDC  
 Ion 67.00 (66.70 to 67.70): VDC  
 Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 4.928 ug/l

RT: 6.13 min Scan# 600

Delta R.T. 0.00 min

Lab File: VD058195.D

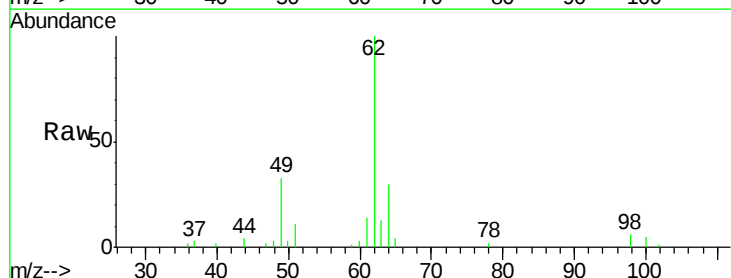
Acq: 19 Jun 2018 15:34

Tgt Ion: 62 Resp: 62832

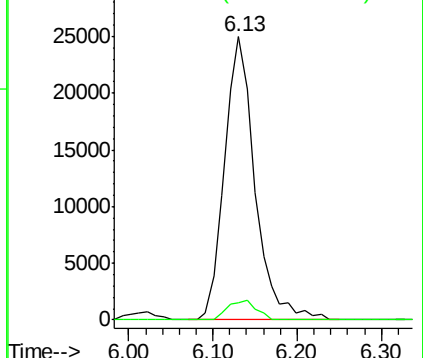
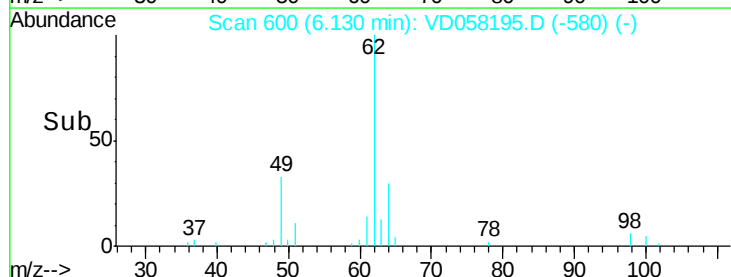
Ion Ratio Lower Upper

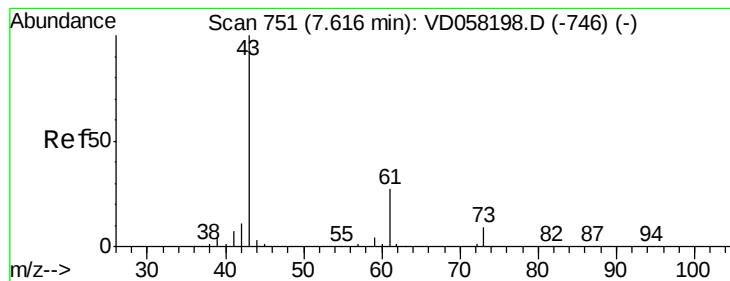
62 100

98 6.0 0.0 13.2



Abundance Ion 61.95 (61.65 to 62.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 4.721 ug/l

RT: 7.63 min Scan# 752

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

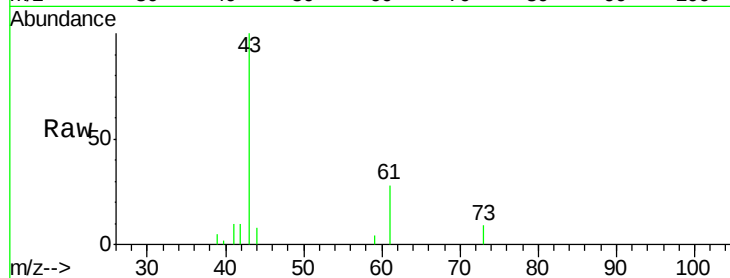
Tgt Ion: 43 Resp: 46424

Ion Ratio Lower Upper

43 100

61 28.1 21.8 32.6

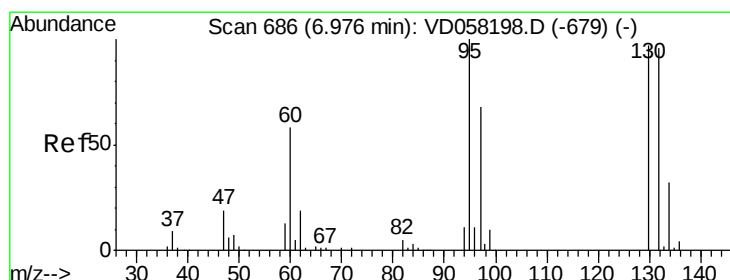
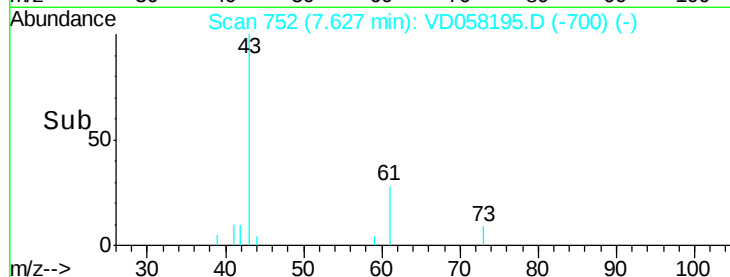
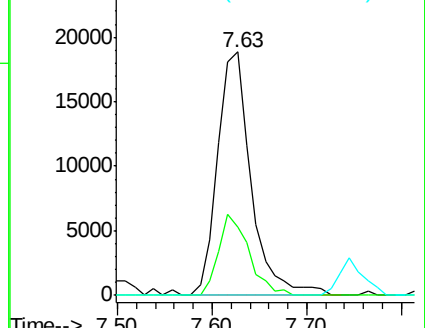
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 5.299 ug/l

RT: 6.99 min Scan# 687

Delta R.T. 0.01 min

Lab File: VD058195.D

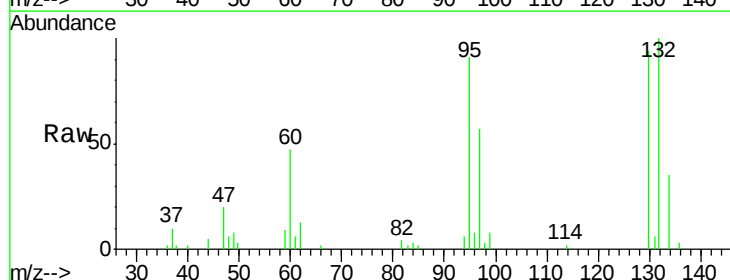
Acq: 19 Jun 2018 15:34

Tgt Ion:130 Resp: 48677

Ion Ratio Lower Upper

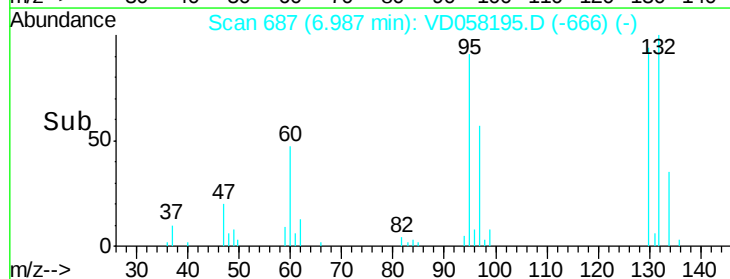
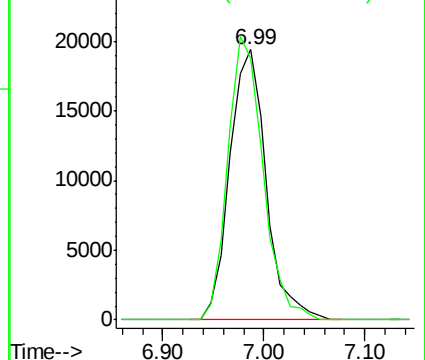
130 100

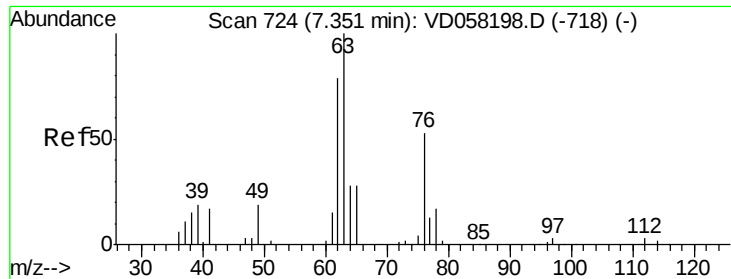
95 96.9 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 5.014 ug/l

RT: 7.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

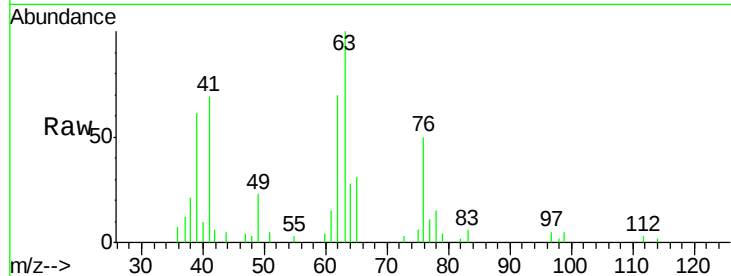
VSTDIC005

Tgt Ion: 63 Resp: 43796

Ion Ratio Lower Upper

63 100

65 31.5 24.0 36.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

7.35

20000

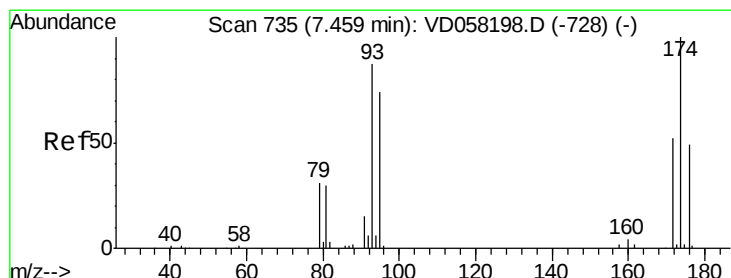
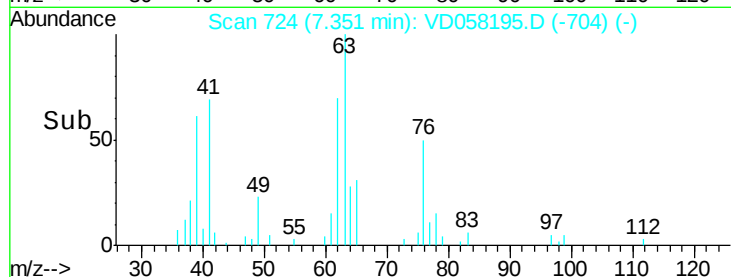
15000

10000

5000

0

Time--> 7.20 7.30 7.40 7.50



#46

Dibromomethane

Concen: 4.620 ug/l

RT: 7.47 min Scan# 736

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

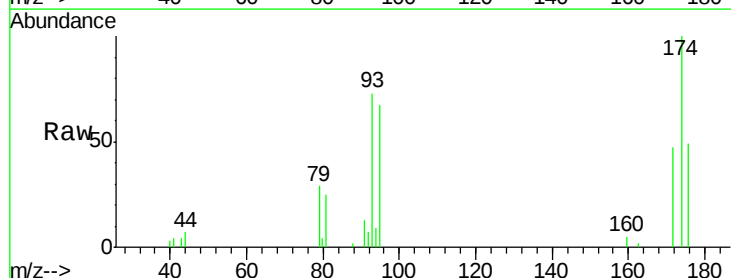
Tgt Ion: 93 Resp: 26308

Ion Ratio Lower Upper

93 100

95 91.3 67.8 101.6

174 136.5 92.2 138.2



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

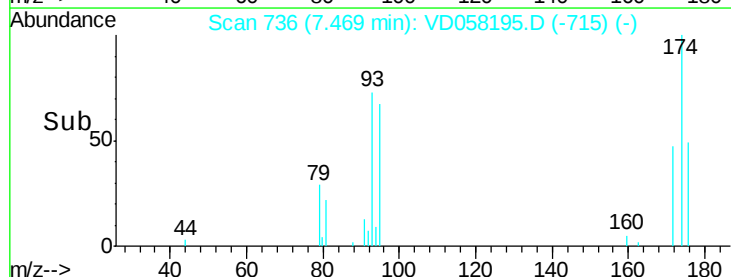
15000

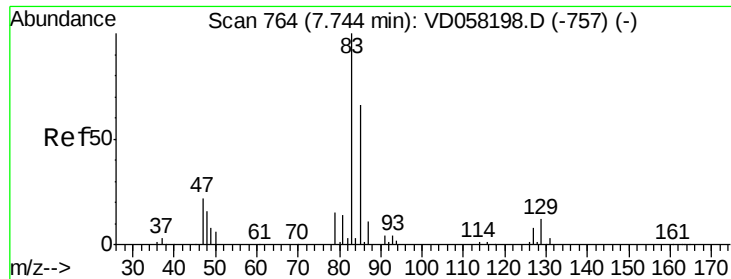
10000

5000

0

Time--> 7.40 7.45 7.50 7.55

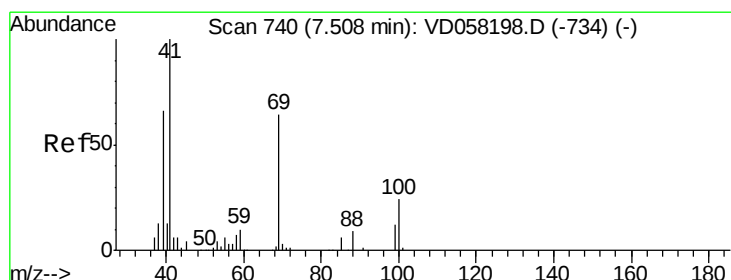
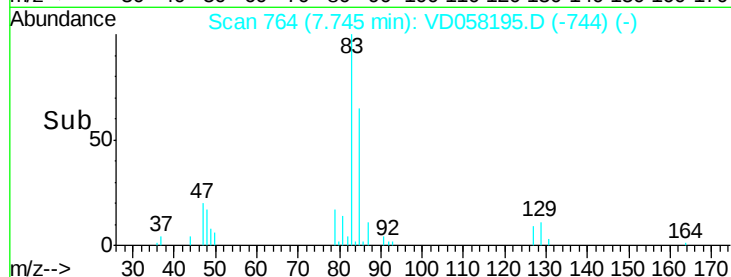
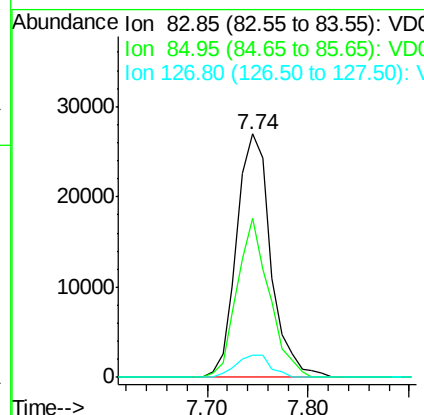
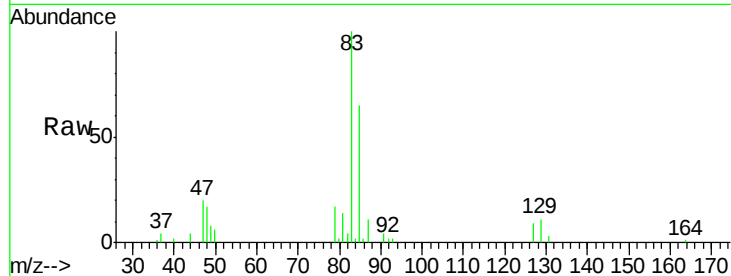




#47  
Bromodichloromethane  
Concen: 4.834 ug/l  
RT: 7.74 min Scan# 764  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

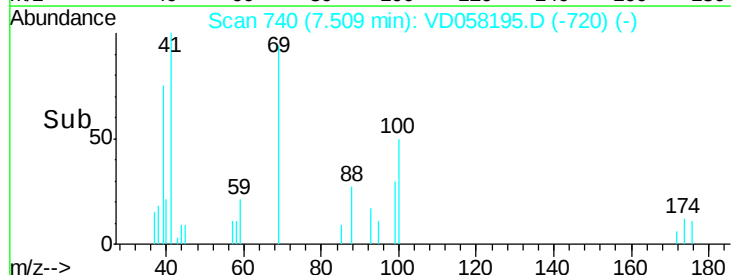
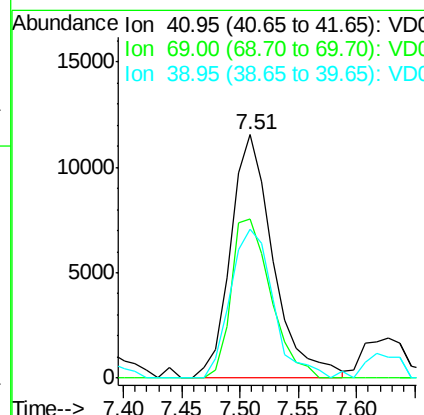
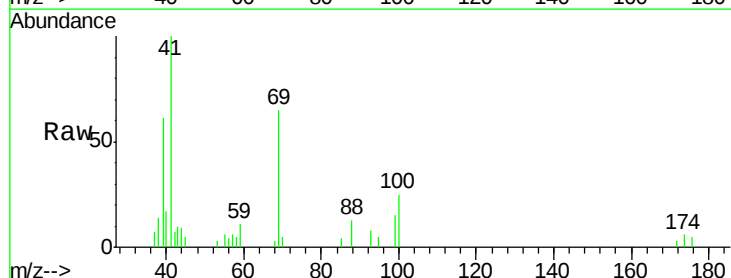
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

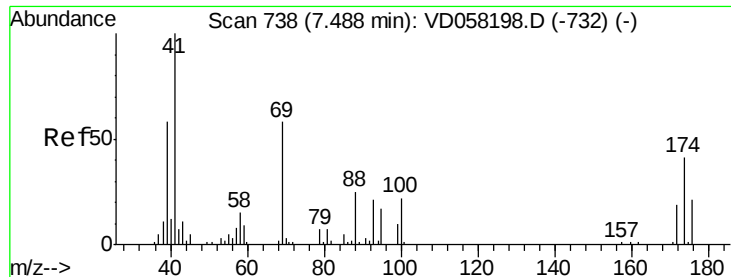
Tgt Ion: 83 Resp: 63454  
Ion Ratio Lower Upper  
83 100  
85 65.2 52.6 78.8  
127 9.1 6.2 9.4



#48  
Methyl methacrylate  
Concen: 4.862 ug/l  
RT: 7.51 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 41 Resp: 29307  
Ion Ratio Lower Upper  
41 100  
69 65.3 50.7 76.1  
39 61.1 52.6 78.8





#49

1,4-Dioxane

Concen: 82.260 ug/l

RT: 7.49 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

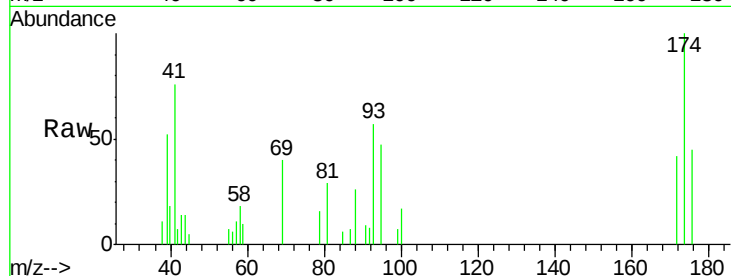
Tgt Ion: 88 Resp: 4242

Ion Ratio Lower Upper

88 100

43 54.1 34.2 51.2#

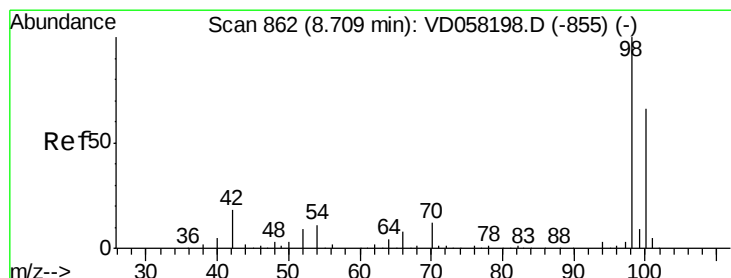
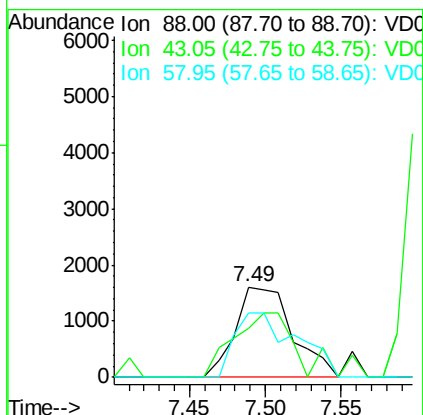
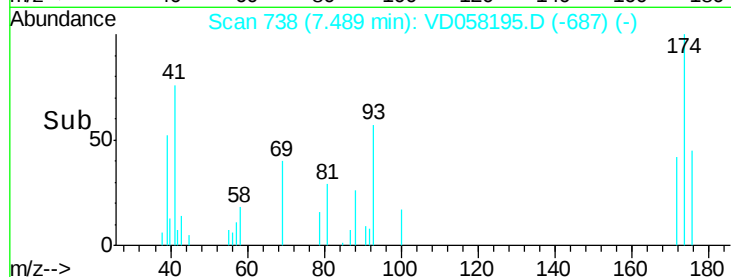
58 71.6 47.9 71.9



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 82.260 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058195.D

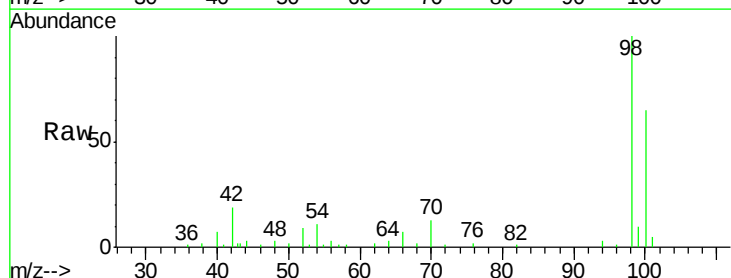
Acq: 19 Jun 2018 15:34

Tgt Ion: 98 Resp: 111804

Ion Ratio Lower Upper

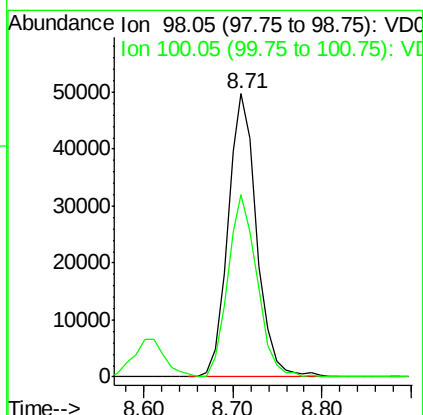
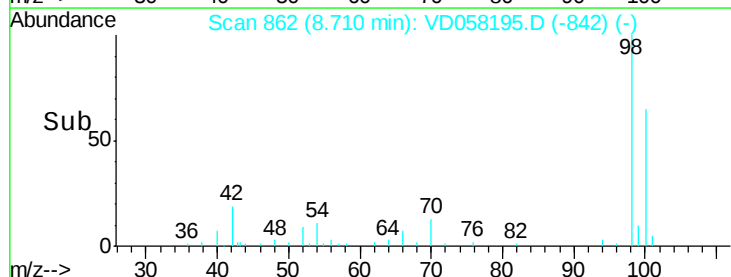
98 100

100 64.5 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 25.345 ug/l

RT: 8.60 min Scan# 851

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

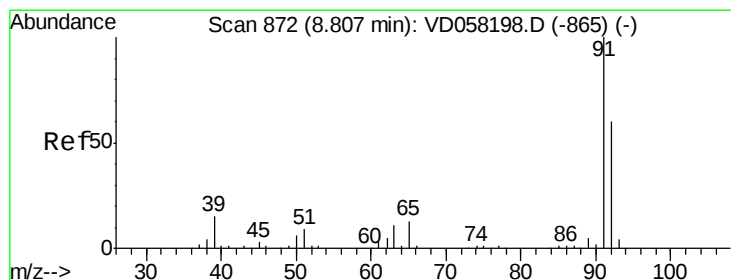
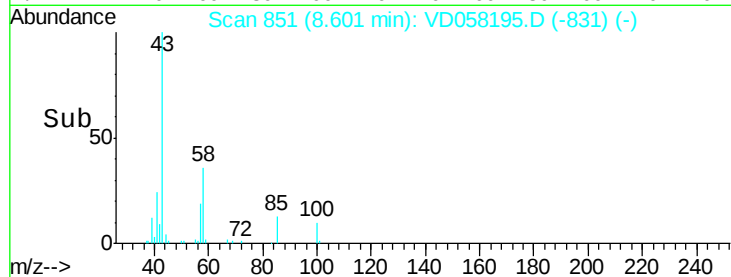
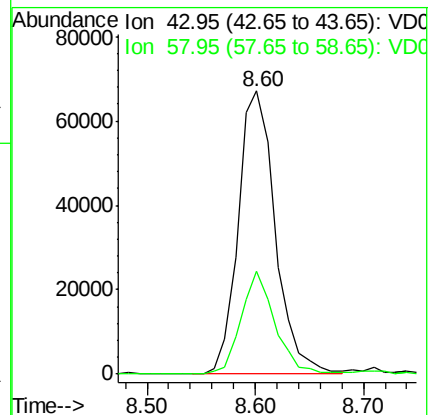
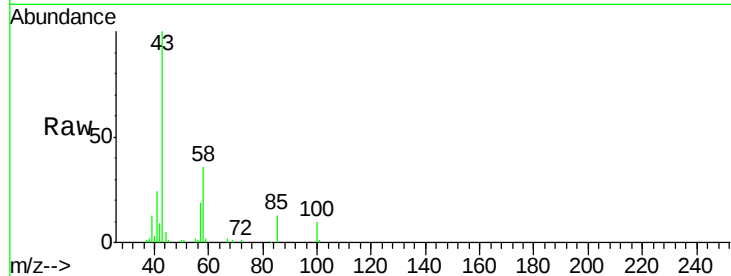
VSTDIC005

Tgt Ion: 43 Resp: 160044

Ion Ratio Lower Upper

43 100

58 36.1 26.7 40.1



#52

Toluene

Concen: 5.207 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD058195.D

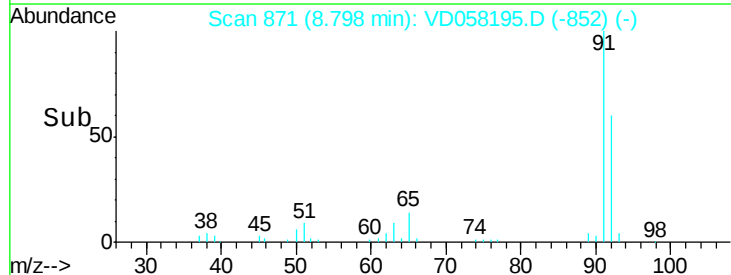
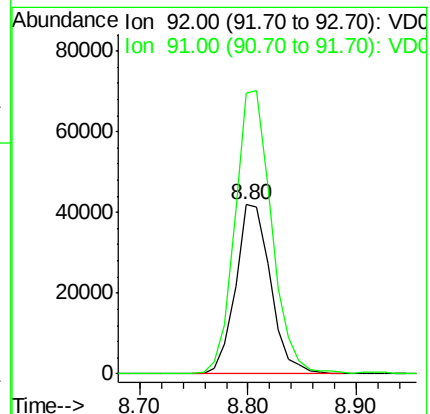
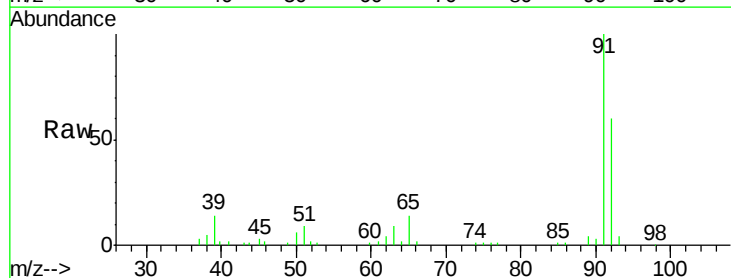
Acq: 19 Jun 2018 15:34

Tgt Ion: 92 Resp: 94042

Ion Ratio Lower Upper

92 100

91 166.0 133.2 199.8





#53

t-1,3-Dichloropropene

Concen: 4.516 ug/l

RT: 9.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

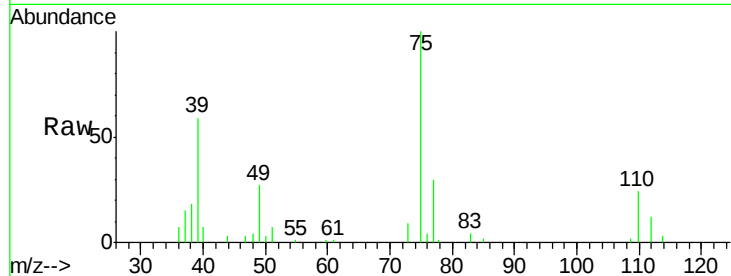
VSTDIC005

Tgt Ion: 75 Resp: 51596

Ion Ratio Lower Upper

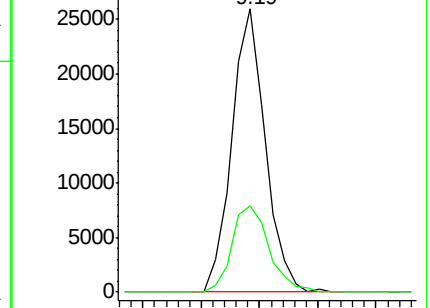
75 100

77 30.4 25.8 38.8

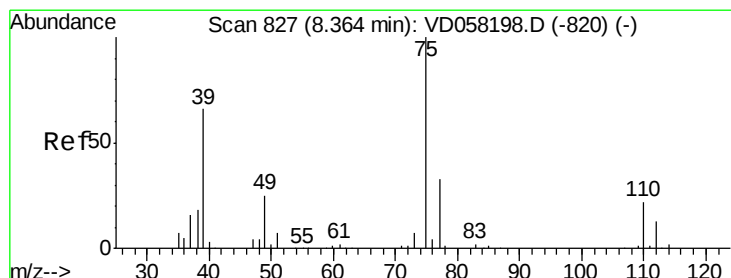
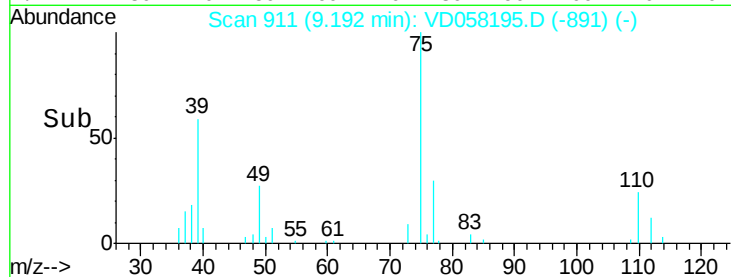


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



Time--> 9.10 9.15 9.20 9.25 9.30



#54

cis-1,3-Dichloropropene

Concen: 4.670 ug/l

RT: 8.37 min Scan# 827

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

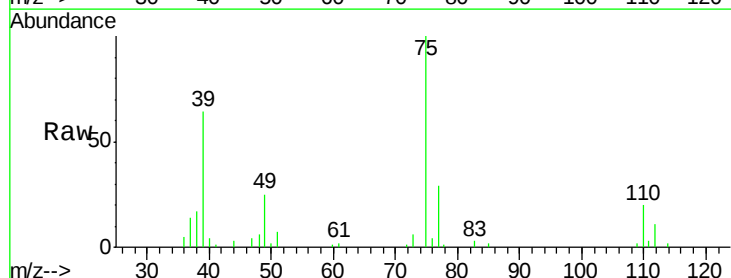
Tgt Ion: 75 Resp: 62672

Ion Ratio Lower Upper

75 100

77 29.1 26.5 39.7

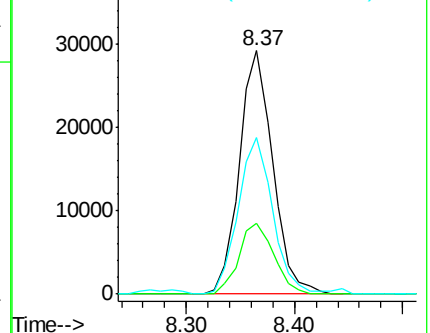
39 64.2 52.9 79.3



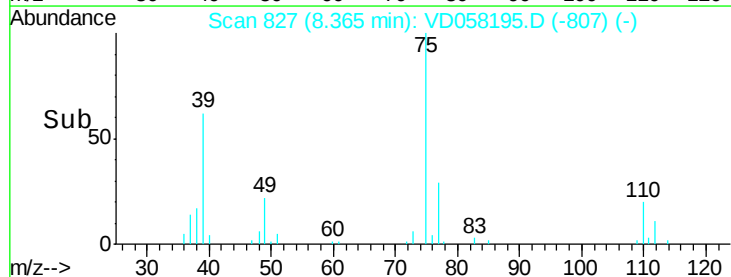
Abundance Ion 75.00 (74.70 to 75.70): VDC

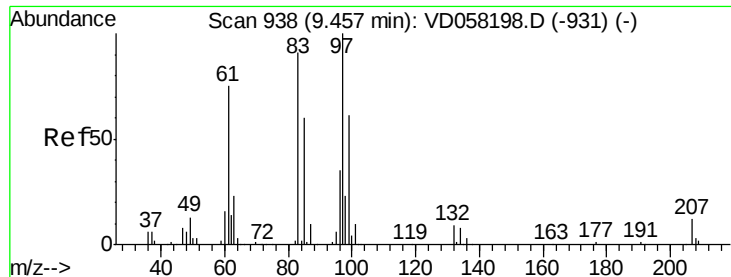
Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC



Time--> 8.30 8.40





#55

1,1,2-Trichloroethane

Concen: 5.591 ug/l

RT: 9.46 min Scan# 938

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 33296

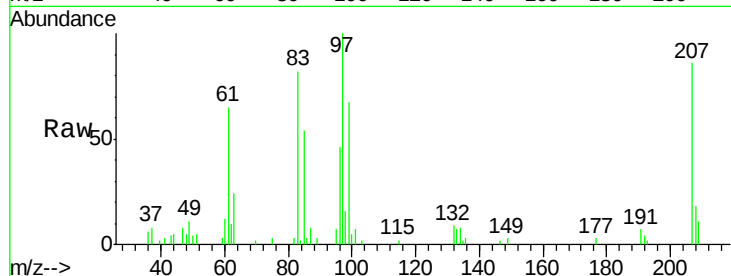
Ion Ratio Lower Upper

97 100

83 82.1 72.9 109.3

85 54.4 48.2 72.4

99 67.2 48.9 73.3

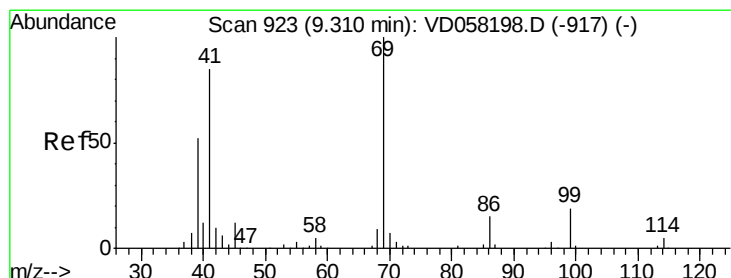
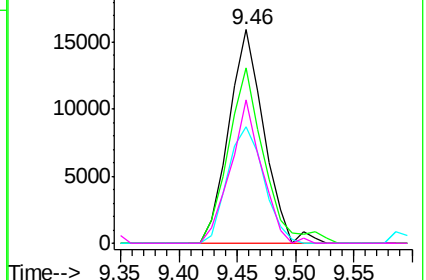
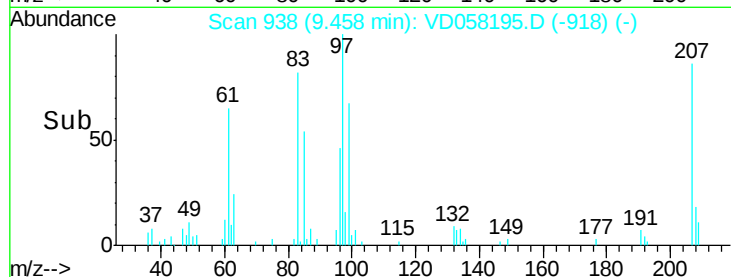


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 4.871 ug/l

RT: 9.32 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

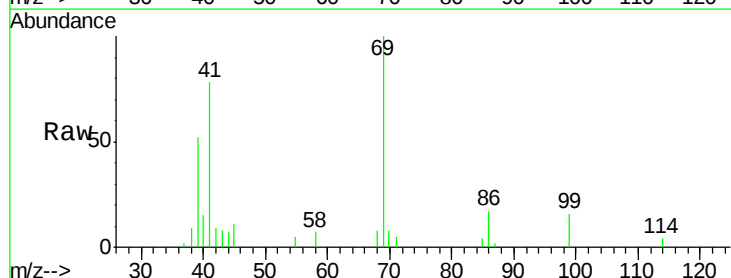
Tgt Ion: 69 Resp: 35633

Ion Ratio Lower Upper

69 100

41 77.6 67.6 101.4

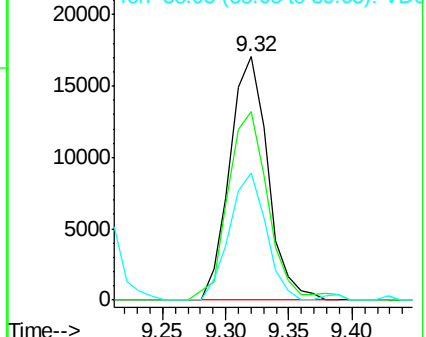
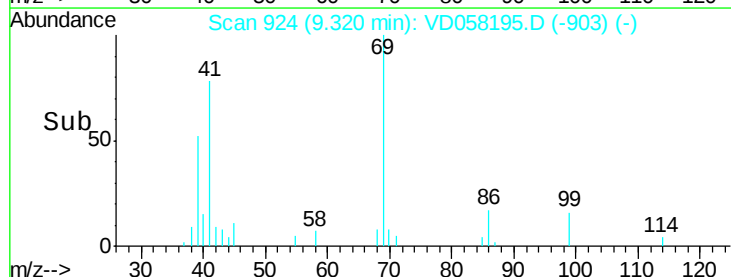
39 52.0 42.2 63.2

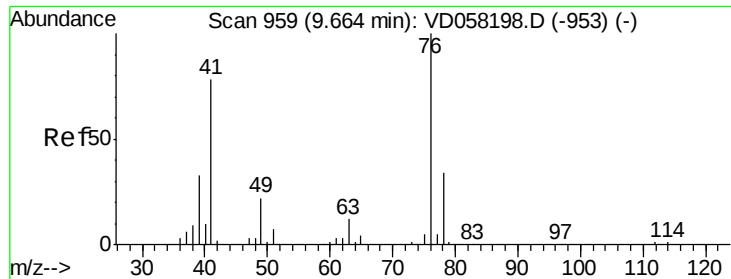


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 5.417 ug/l

RT: 9.66 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

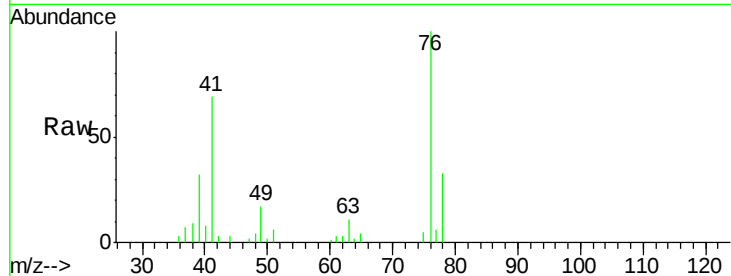
VSTDIC005

Tgt Ion: 76 Resp: 55944

Ion Ratio Lower Upper

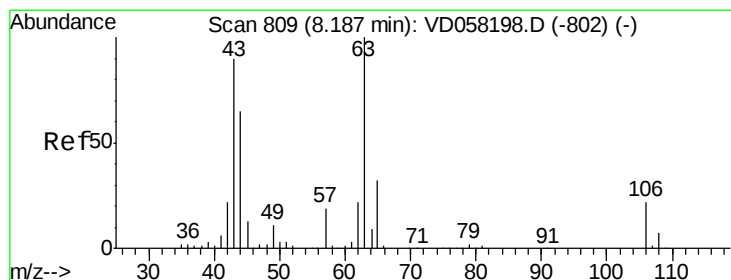
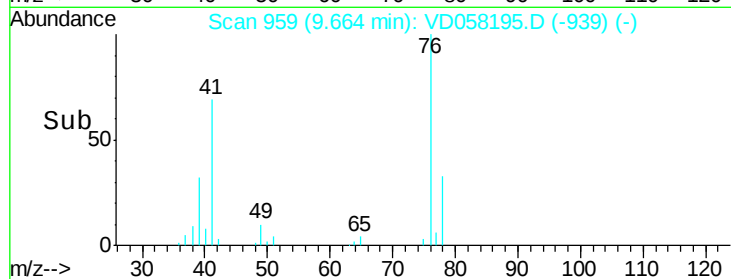
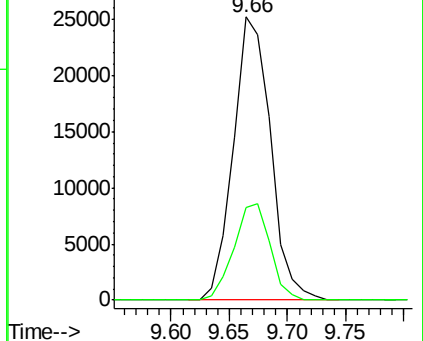
76 100

78 32.7 27.0 40.6



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 24.454 ug/l

RT: 8.19 min Scan# 809

Delta R.T. 0.00 min

Lab File: VD058195.D

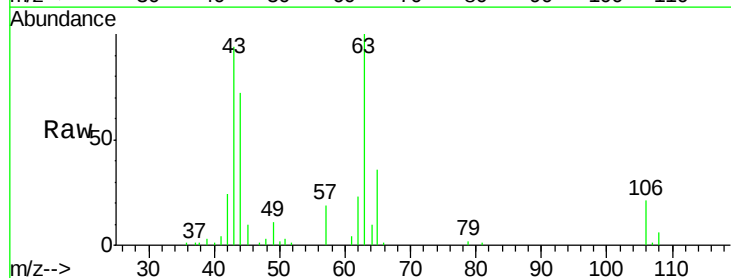
Acq: 19 Jun 2018 15:34

Tgt Ion: 63 Resp: 90723

Ion Ratio Lower Upper

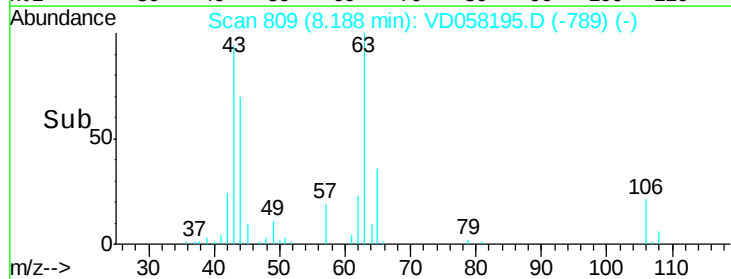
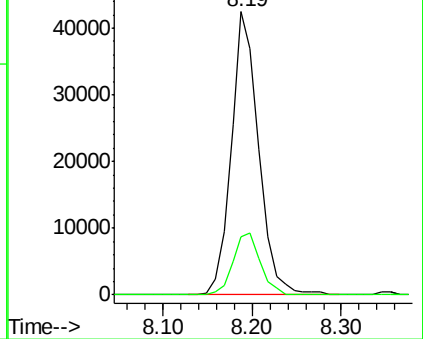
63 100

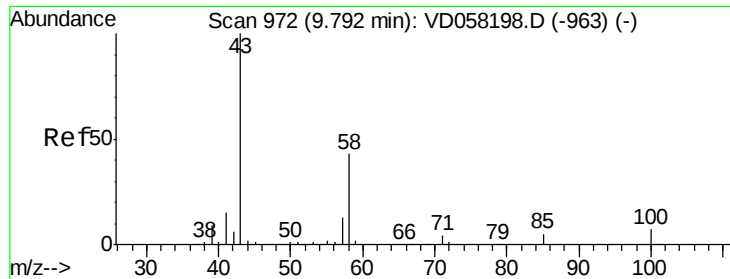
106 20.7 18.0 27.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

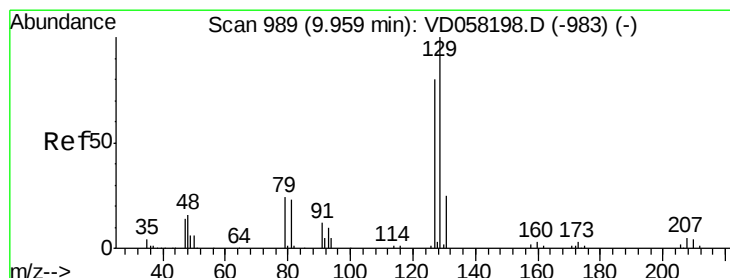
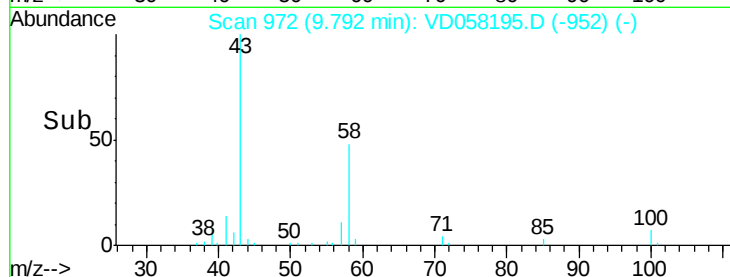
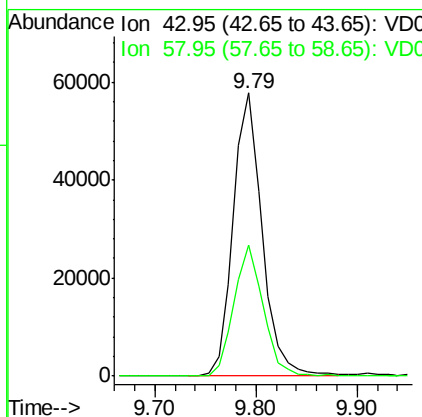
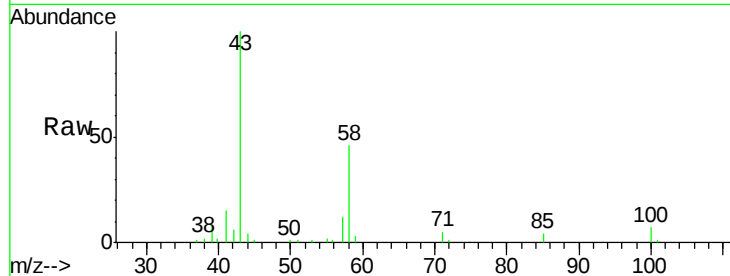




#59  
2-Hexanone  
Concen: 24.986 ug/l  
RT: 9.79 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

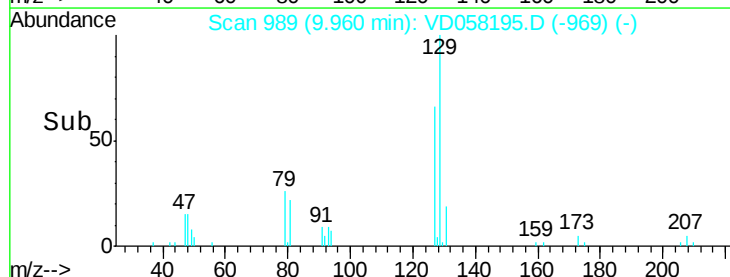
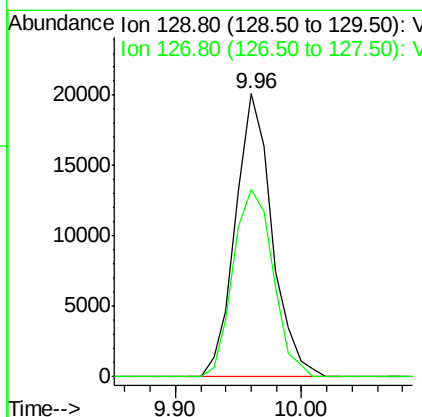
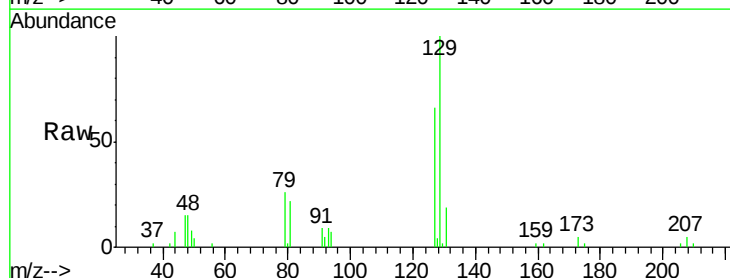
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion: 43 Resp: 115039  
Ion Ratio Lower Upper  
43 100  
58 46.4 21.7 65.1



#60  
Dibromochloromethane  
Concen: 4.837 ug/l  
RT: 9.96 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 129 Resp: 40374  
Ion Ratio Lower Upper  
129 100  
127 66.2 39.8 119.4

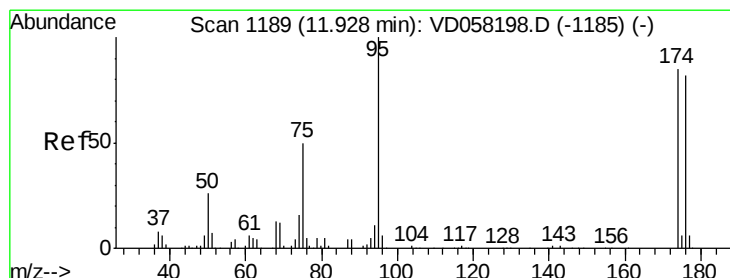
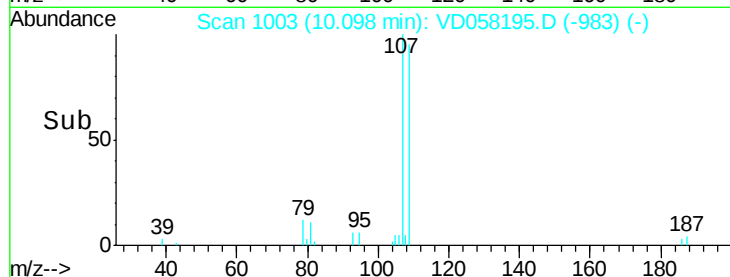
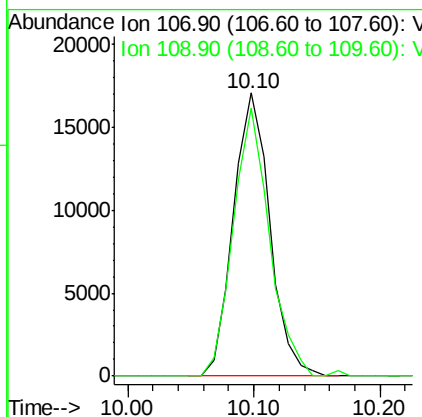
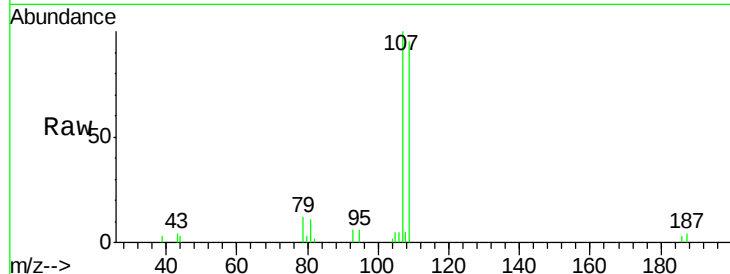




#61  
 1,2-Dibromoethane  
 Concen: 4.982 ug/l  
 RT: 10.10 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

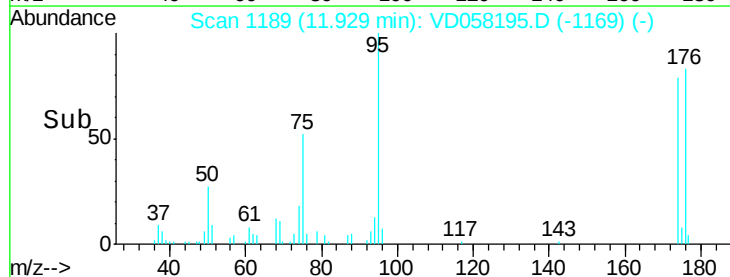
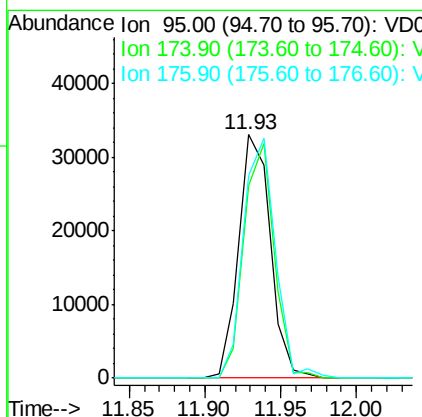
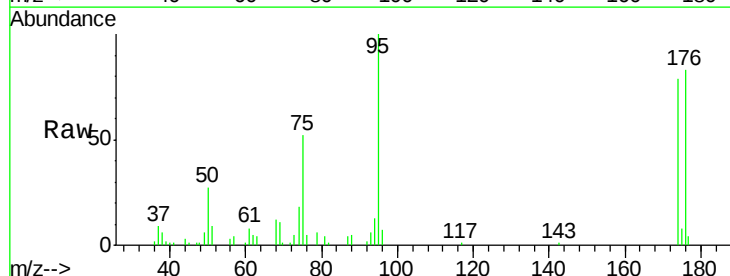
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

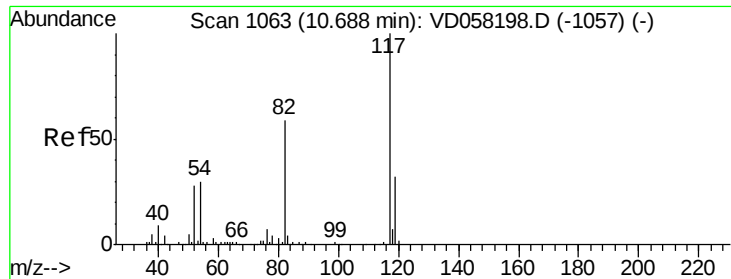
Tgt Ion: 107 Resp: 34048  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 74.8 112.2



#62  
 4-Bromofluorobenzene  
 Concen: 4.982 ug/l  
 RT: 11.93 min Scan# 1189  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion: 95 Resp: 48231  
 Ion Ratio Lower Upper  
 95 100  
 174 78.9 0.0 170.2  
 176 83.1 0.0 164.6

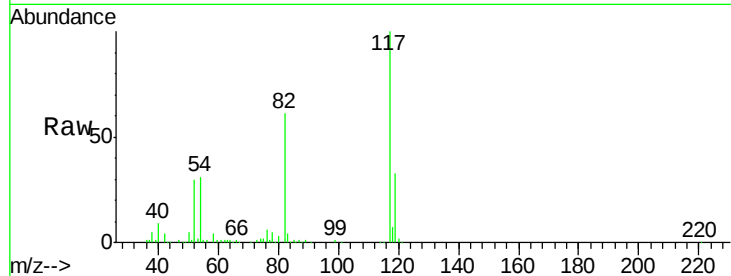




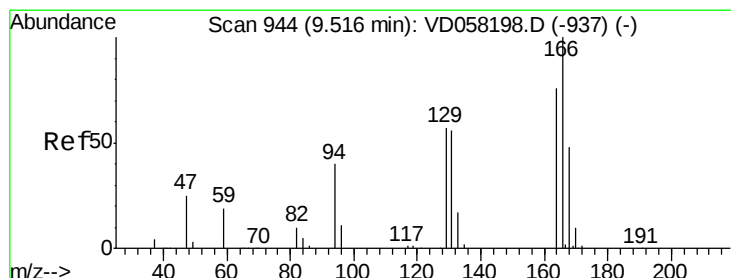
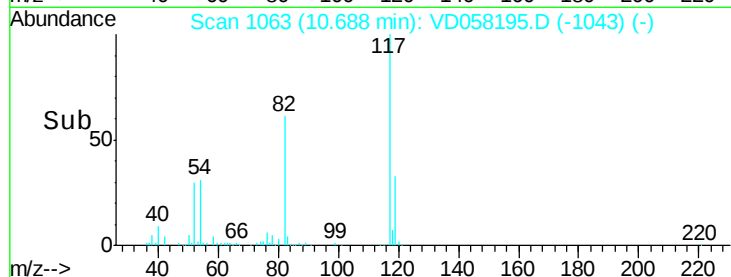
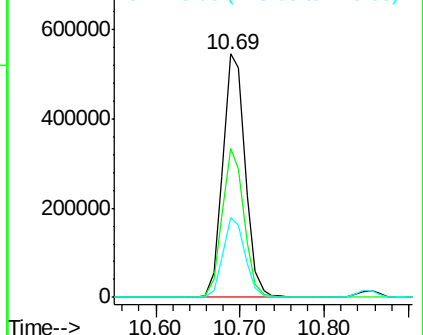
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion:117 Resp: 1012220  
Ion Ratio Lower Upper  
117 100  
82 61.0 47.0 70.6  
119 32.9 25.3 37.9

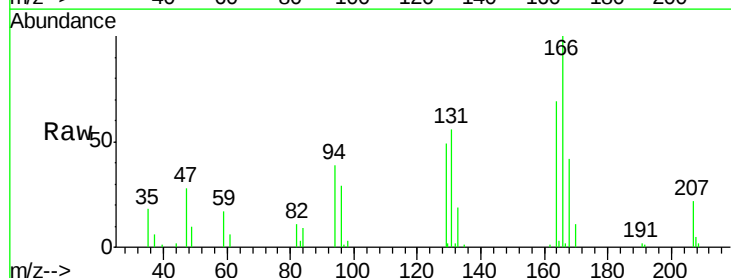


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

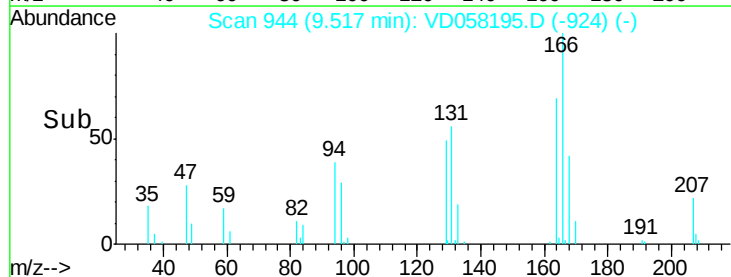
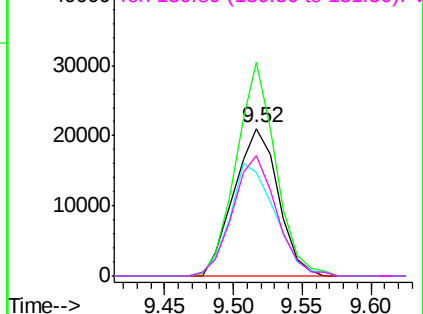


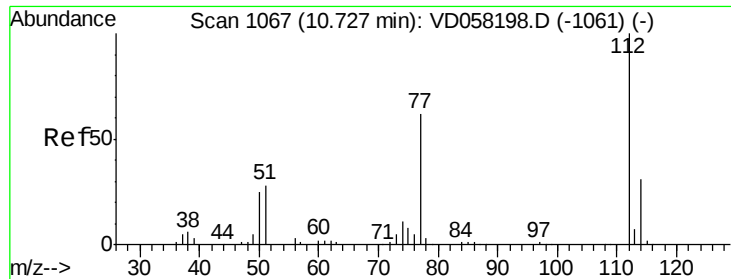
#64  
Tetrachloroethene  
Concen: 5.250 ug/l  
RT: 9.52 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion:164 Resp: 46910  
Ion Ratio Lower Upper  
164 100  
166 145.0 105.4 158.0  
129 70.7 59.6 89.4  
131 81.5 59.4 89.2



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.410 ug/l

RT: 10.73 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

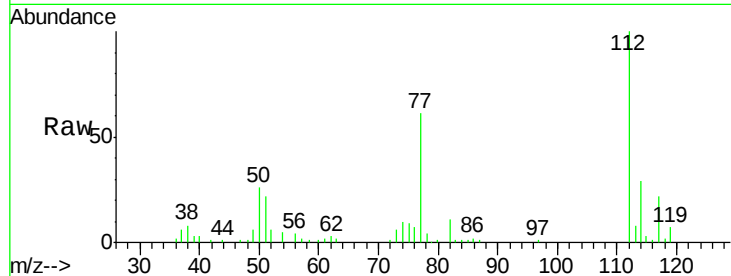
VSTDIC005

Tgt Ion:112 Resp: 108807

Ion Ratio Lower Upper

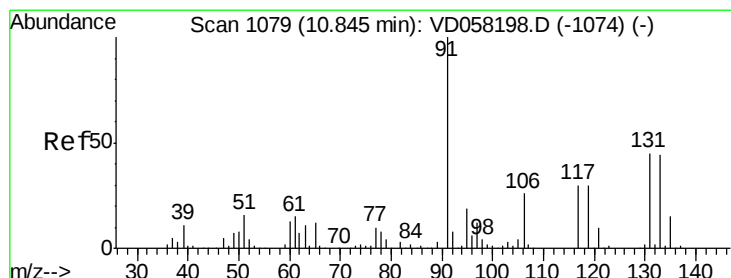
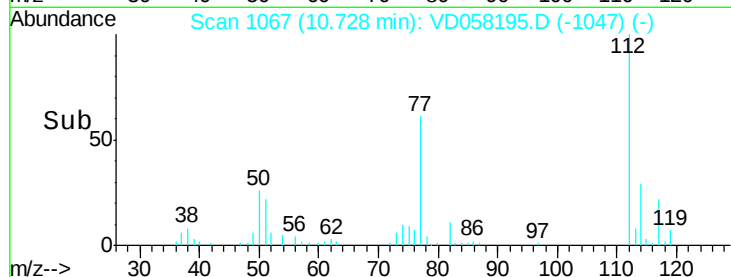
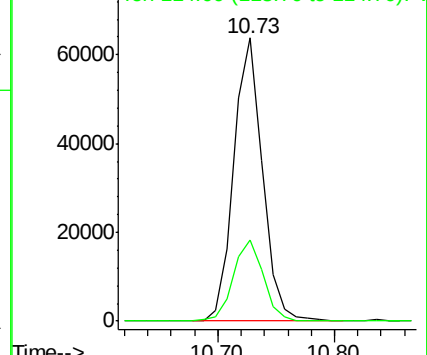
112 100

114 28.9 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.676 ug/l

RT: 10.85 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

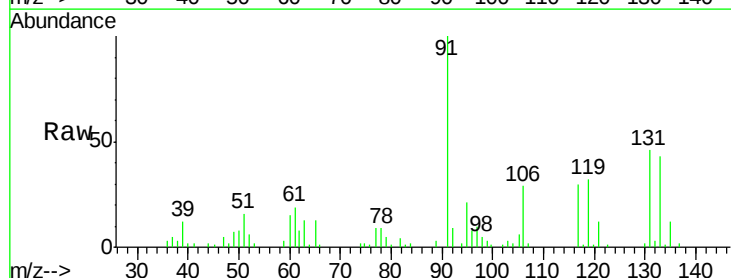
Tgt Ion:131 Resp: 36201

Ion Ratio Lower Upper

131 100

133 93.5 48.6 145.9

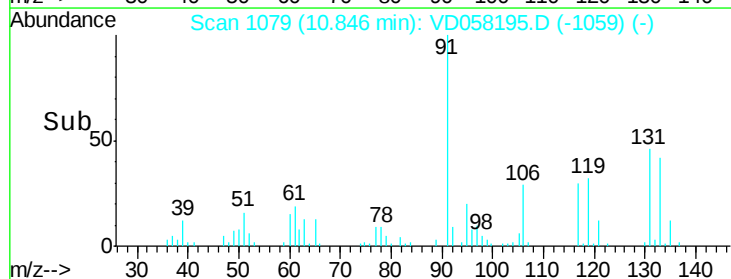
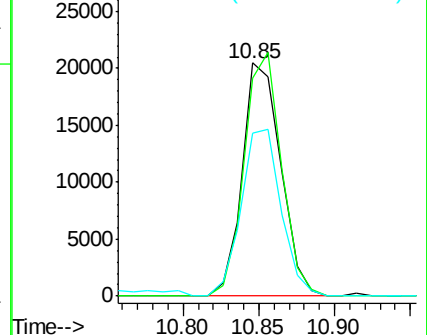
119 69.7 33.0 99.0



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

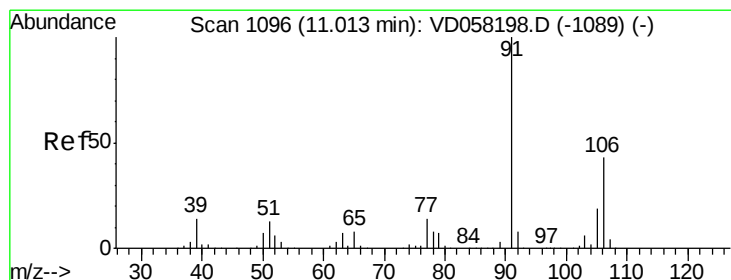
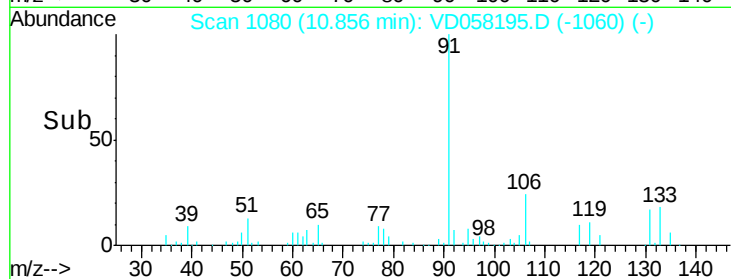
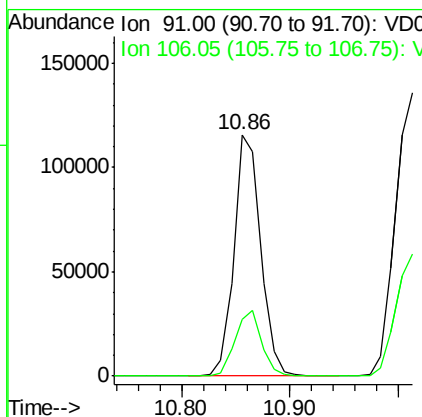
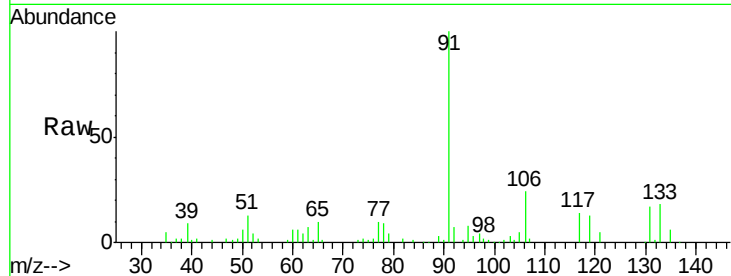




#67  
Ethyl Benzene  
Concen: 5.487 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

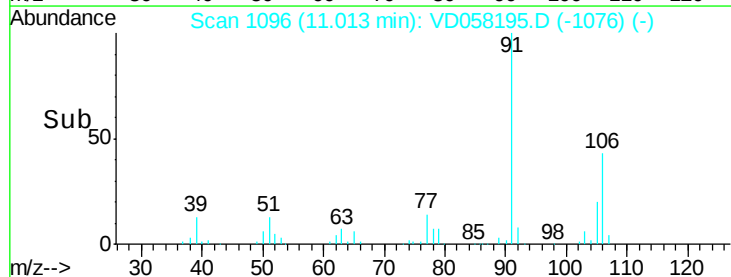
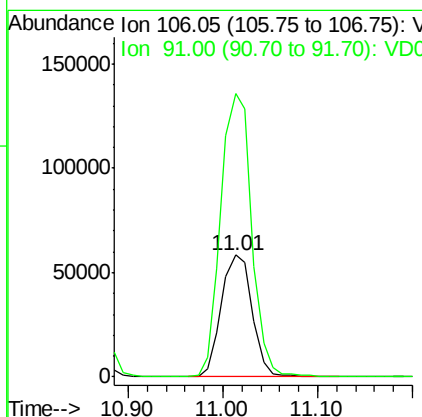
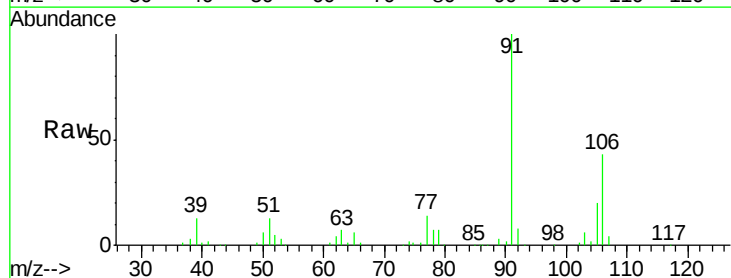
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

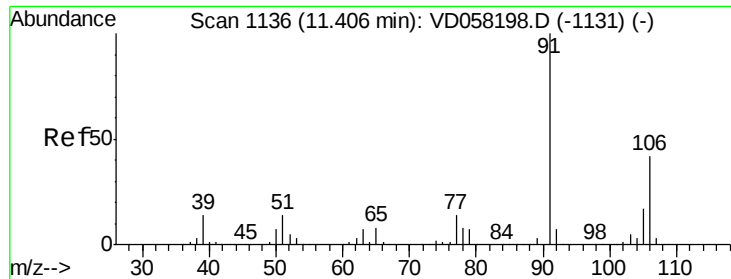
Tgt Ion: 91 Resp: 198448  
Ion Ratio Lower Upper  
91 100  
106 23.7 22.0 33.0



#68  
m/p-Xylenes  
Concen: 11.128 ug/l  
RT: 11.01 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 106 Resp: 131953  
Ion Ratio Lower Upper  
106 100  
91 232.9 185.0 277.6

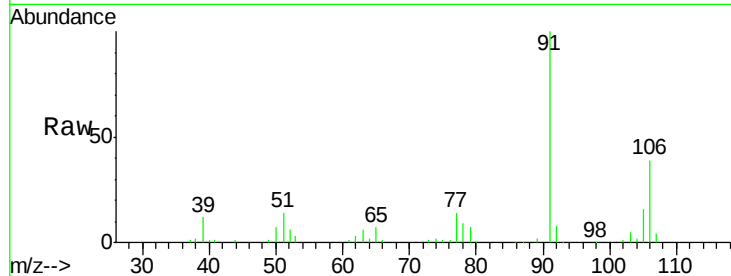




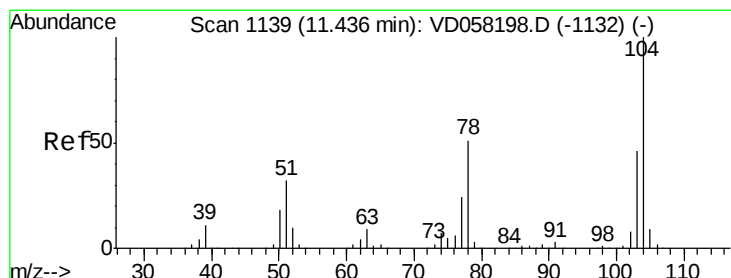
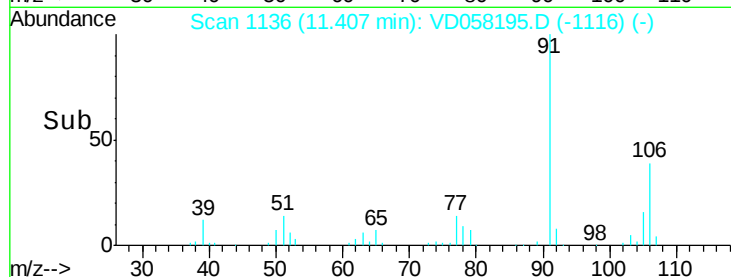
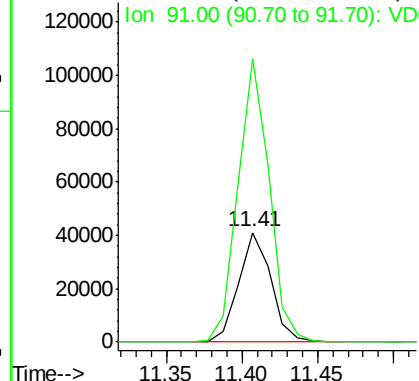
#69  
o-Xylene  
Concen: 5.203 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion:106 Resp: 60591  
Ion Ratio Lower Upper  
106 100  
91 258.2 120.2 360.6

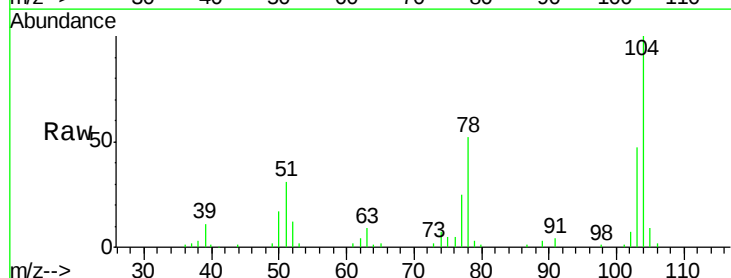


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

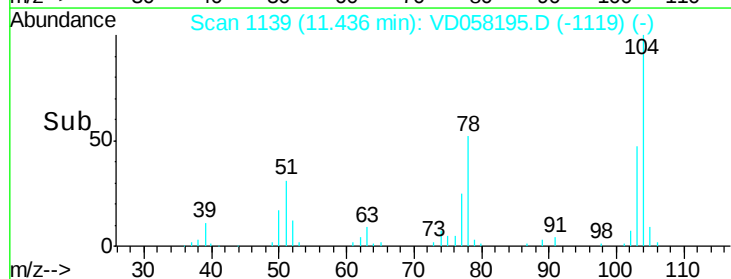
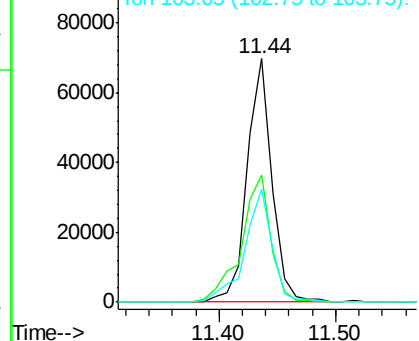


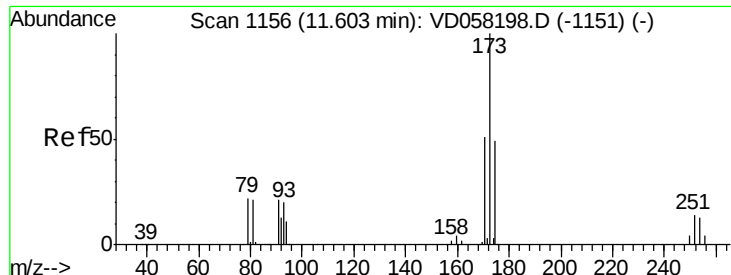
#70  
Styrene  
Concen: 5.289 ug/l  
RT: 11.44 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion:104 Resp: 102569  
Ion Ratio Lower Upper  
104 100  
78 52.5 40.8 61.2  
103 46.5 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 4.091 ug/l

RT: 11.60 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

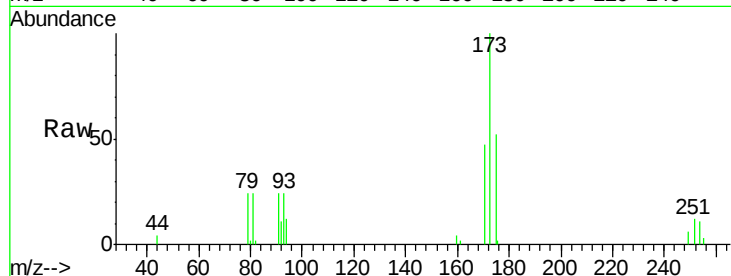
Tgt Ion:173 Resp: 24286

Ion Ratio Lower Upper

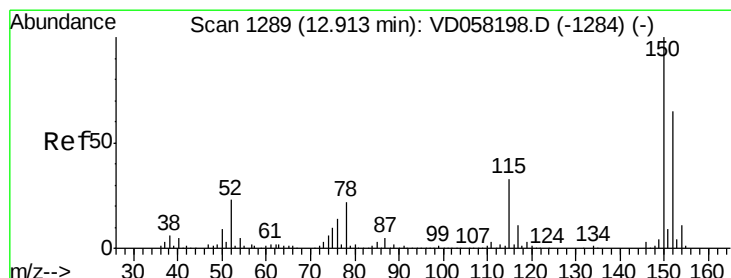
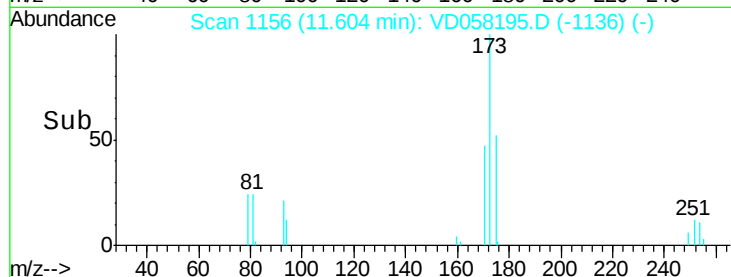
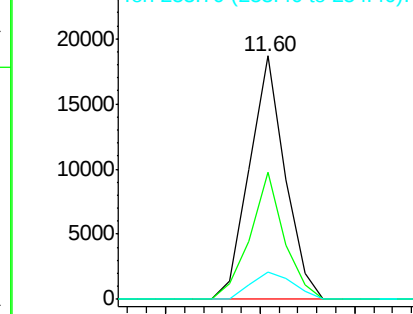
173 100

175 52.2 24.6 74.0

254 11.1 10.3 15.5



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

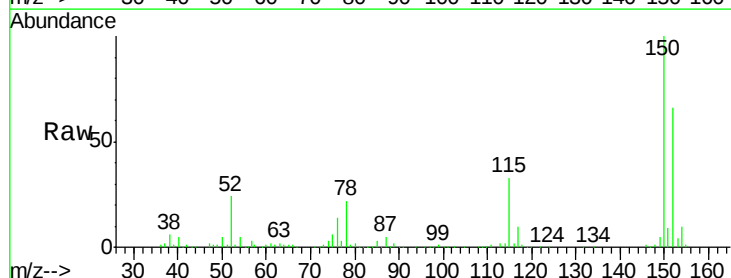
Tgt Ion:152 Resp: 513800

Ion Ratio Lower Upper

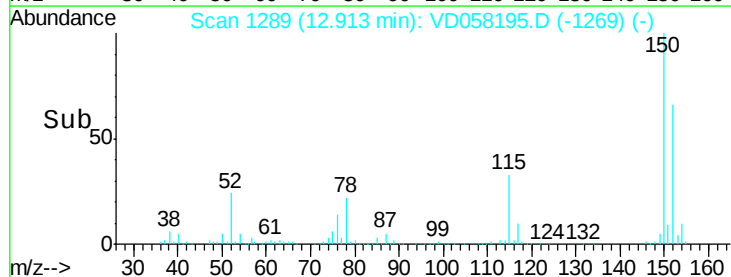
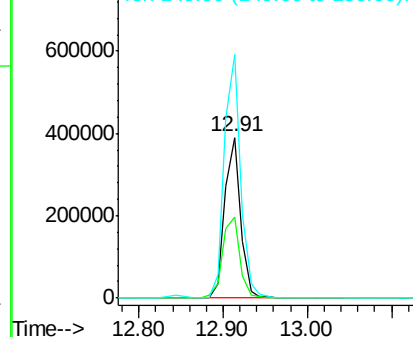
152 100

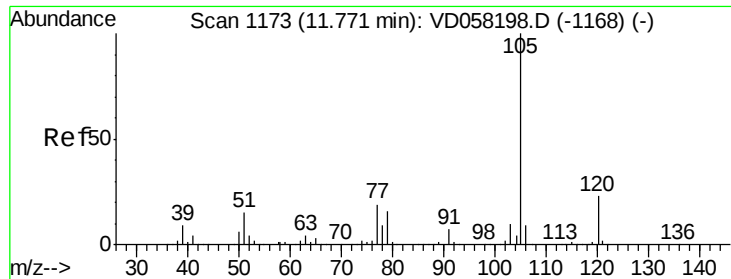
115 50.4 25.1 75.3

150 151.8 0.0 308.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.427 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

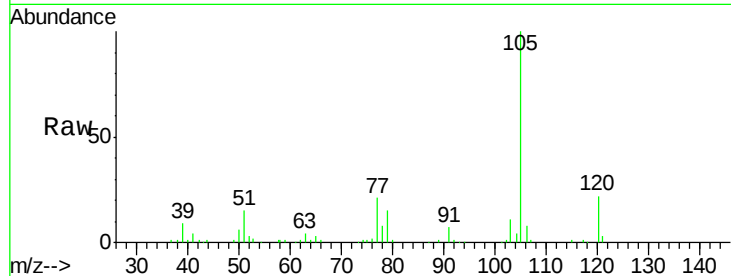
VSTDIC005

Tgt Ion: 105 Resp: 181047

Ion Ratio Lower Upper

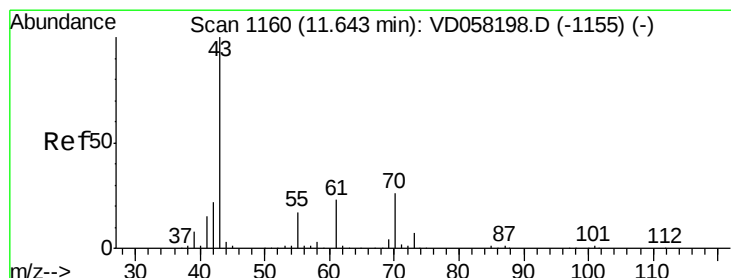
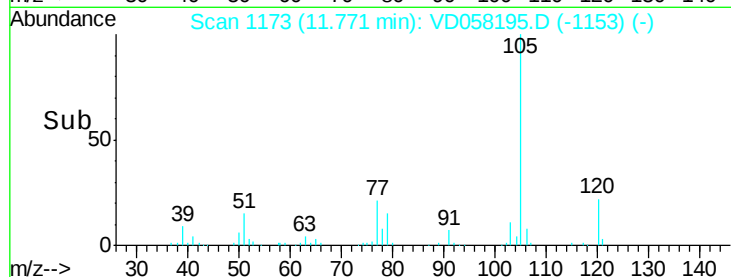
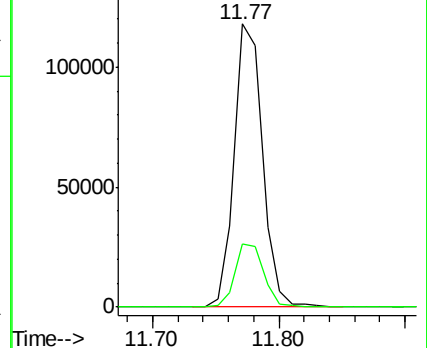
105 100

120 22.2 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 4.692 ug/l

RT: 11.65 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Tgt Ion: 43 Resp: 61338

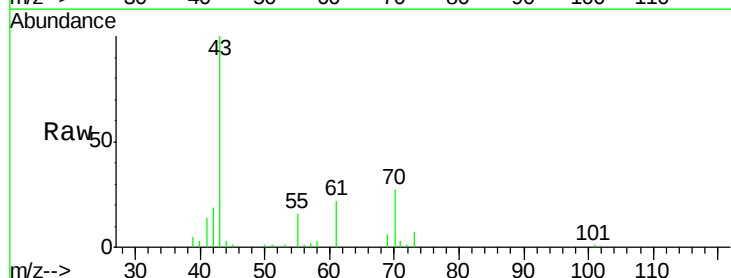
Ion Ratio Lower Upper

43 100

70 26.5 20.9 31.3

55 16.2 13.5 20.3

61 22.4 18.2 27.2

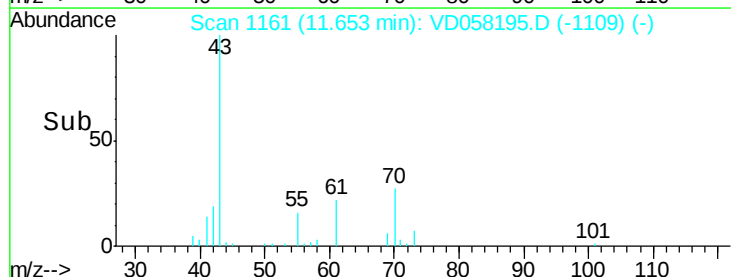
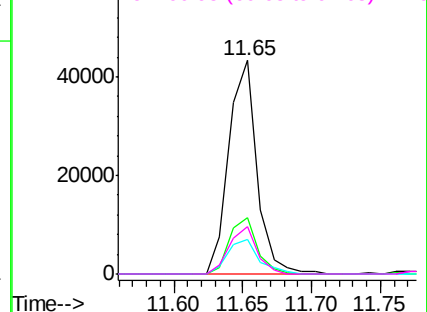


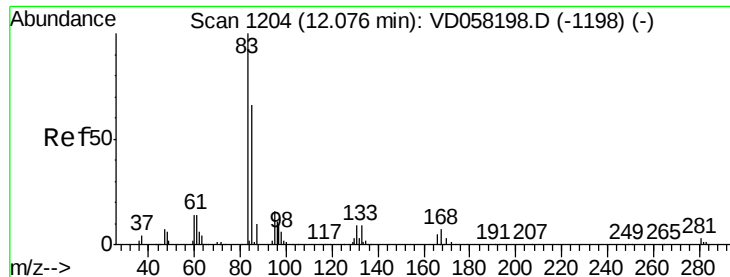
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.138 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

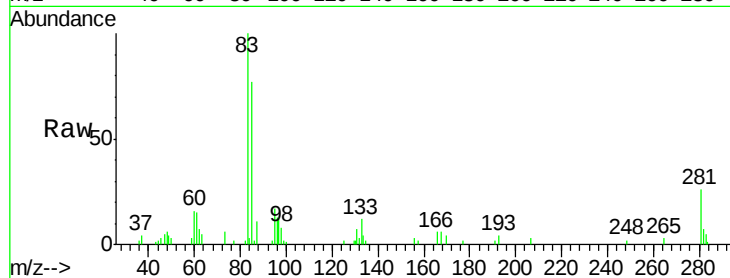
Tgt Ion: 83 Resp: 38294

Ion Ratio Lower Upper

83 100

131 7.3 4.8 14.3

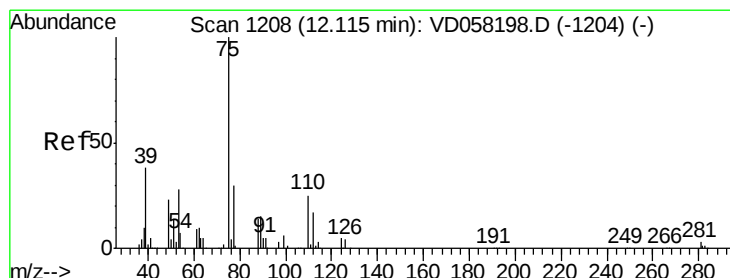
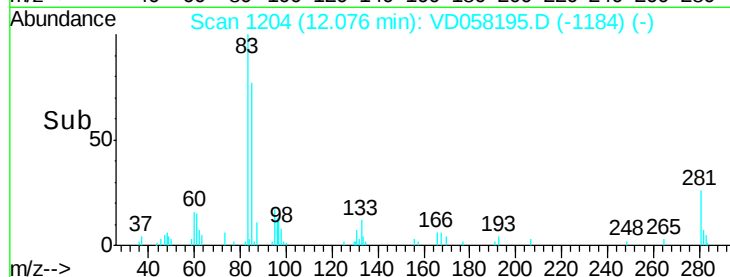
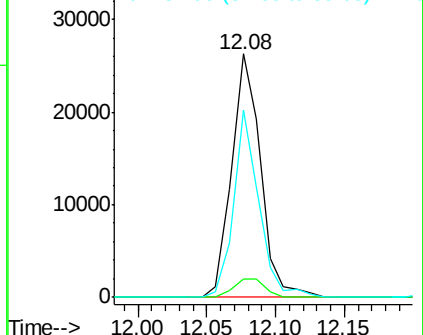
85 77.0 33.1 99.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 5.277 ug/l

RT: 12.12 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VD058195.D

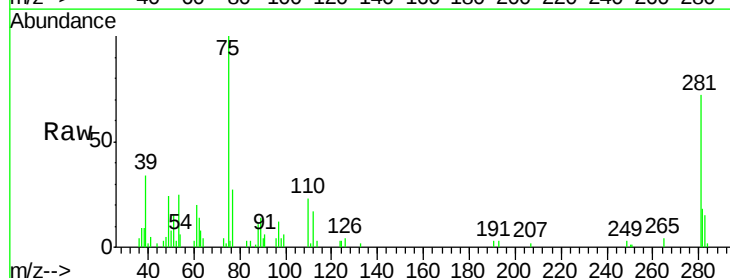
Acq: 19 Jun 2018 15:34

Tgt Ion: 75 Resp: 40930

Ion Ratio Lower Upper

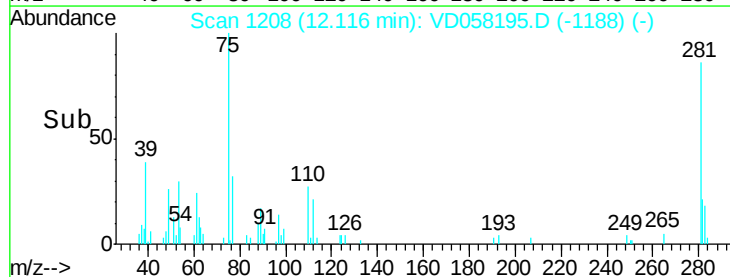
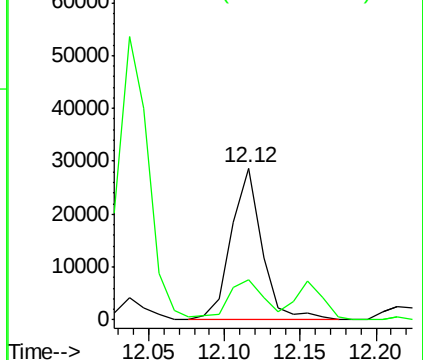
75 100

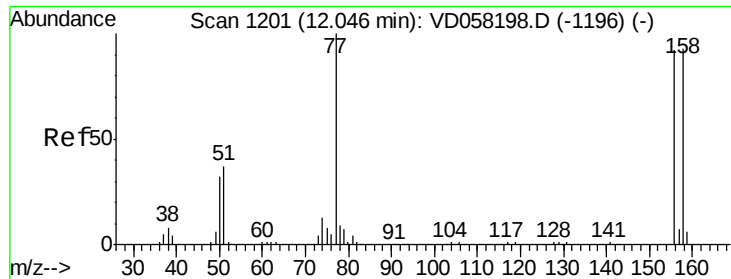
77 26.8 16.0 47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 5.303 ug/l

RT: 12.05 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

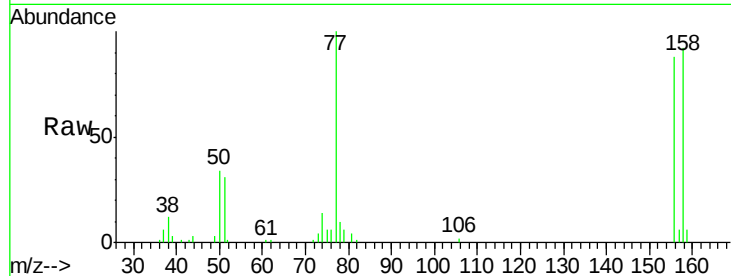
Tgt Ion:156 Resp: 52536

Ion Ratio Lower Upper

156 100

77 114.0 54.5 163.6

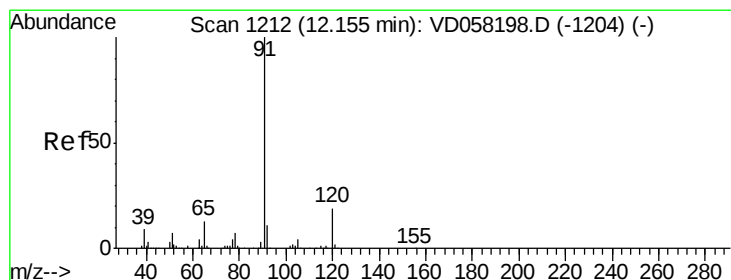
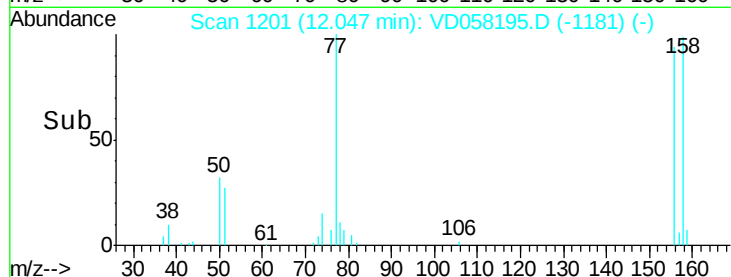
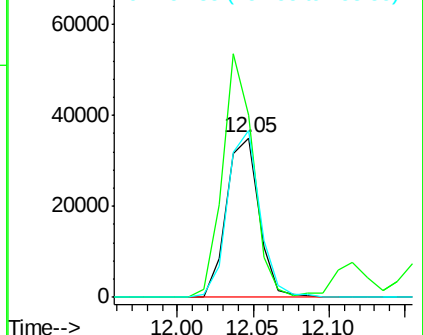
158 104.7 50.8 152.5



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 5.375 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058195.D

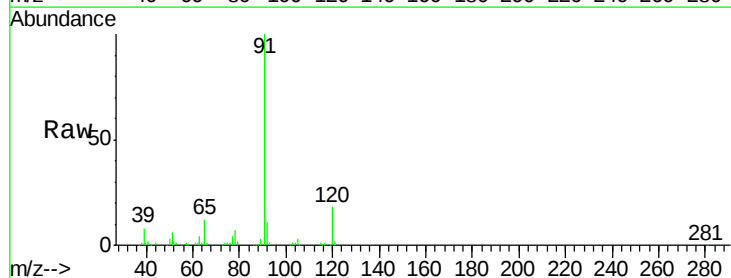
Acq: 19 Jun 2018 15:34

Tgt Ion: 91 Resp: 234597

Ion Ratio Lower Upper

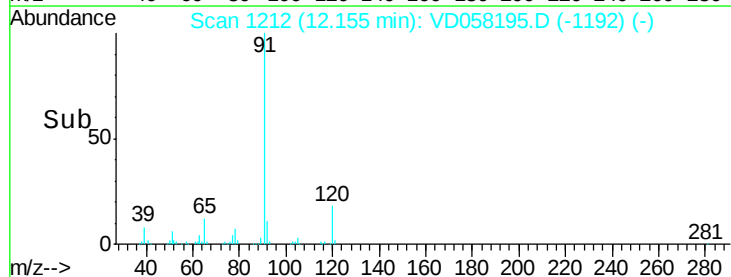
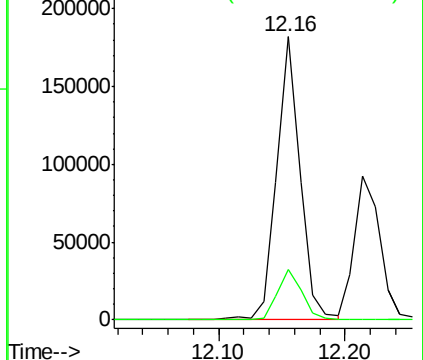
91 100

120 18.0 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

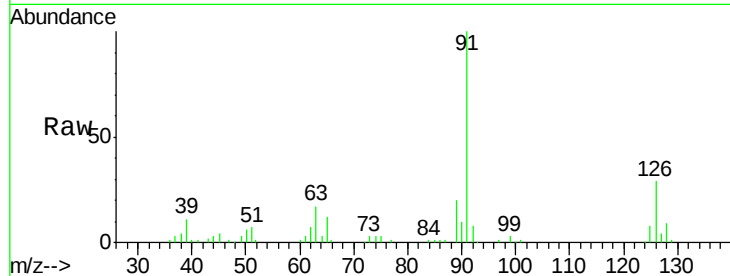




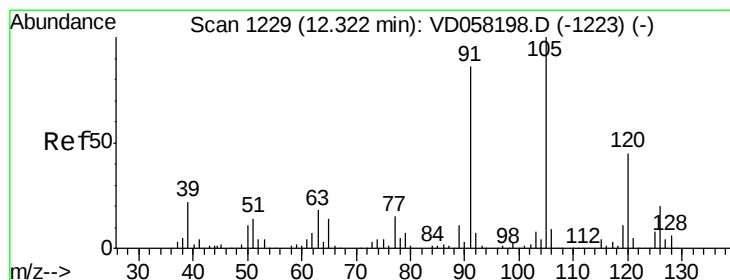
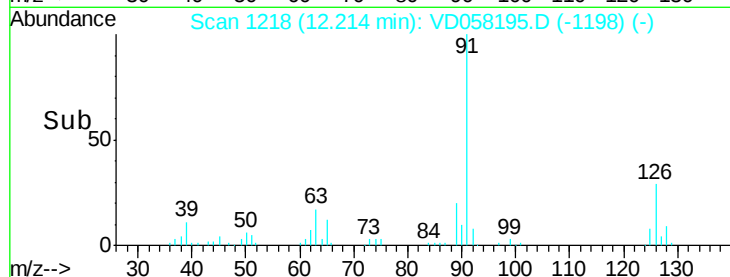
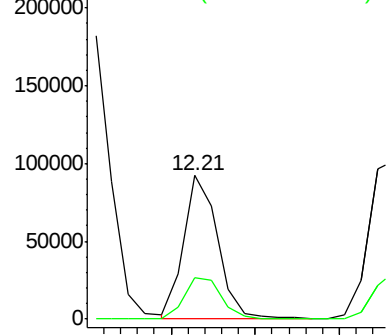
#79  
 2-Chlorotoluene  
 Concen: 5.139 ug/l  
 RT: 12.21 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 91 Resp: 127769  
 Ion Ratio Lower Upper  
 91 100  
 126 29.0 14.9 44.5

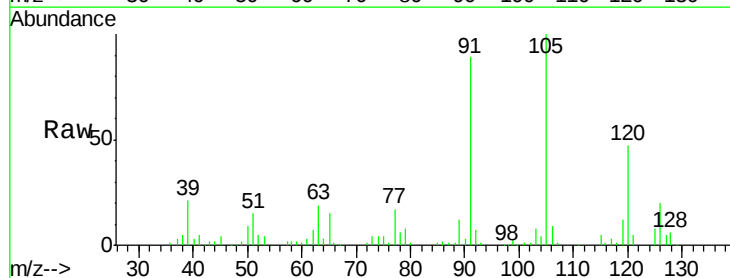


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

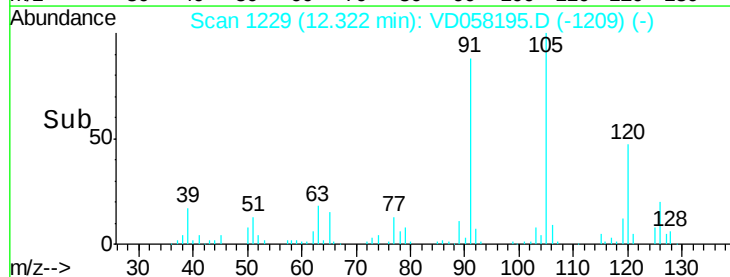
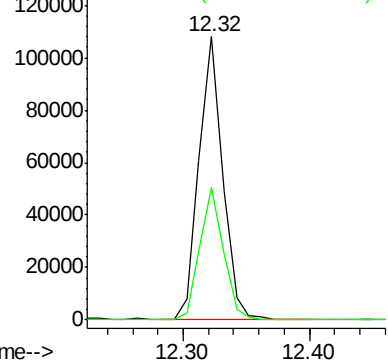


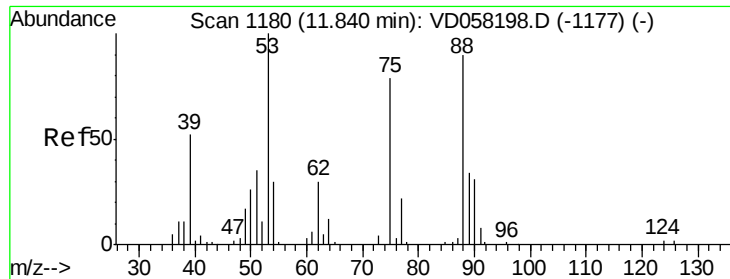
#80  
 1,3,5-Trimethylbenzene  
 Concen: 5.348 ug/l  
 RT: 12.32 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion: 105 Resp: 140417  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 22.5 67.5



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.605 ug/l

RT: 11.85 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD058195.D

Acq: 19 Jun 2018 15:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

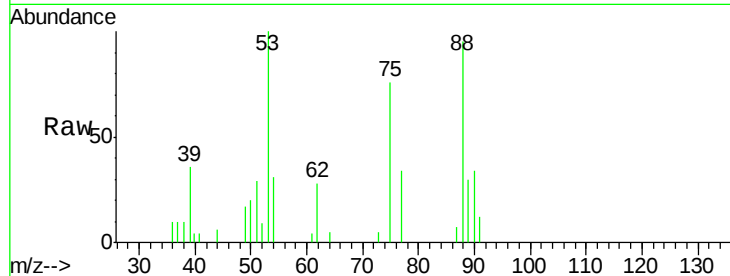
Tgt Ion: 75 Resp: 8796

Ion Ratio Lower Upper

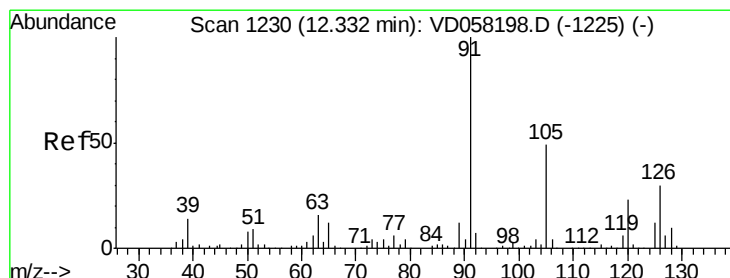
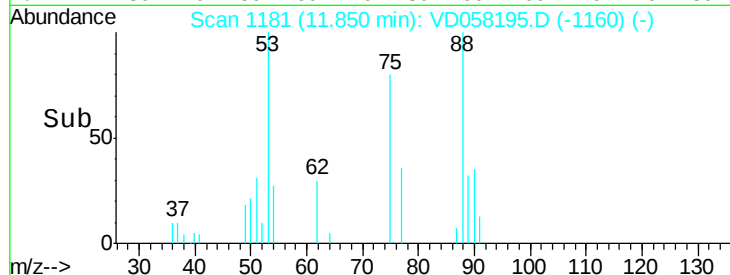
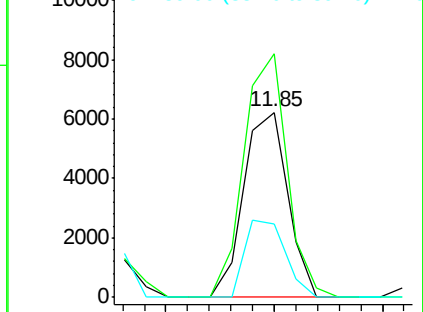
75 100

53 131.5 100.8 151.2

89 39.4 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 5.672 ug/l

RT: 12.33 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VD058195.D

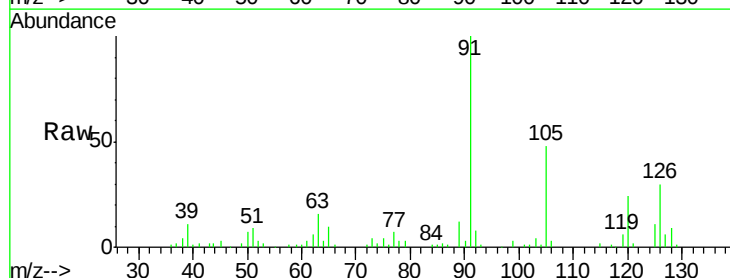
Acq: 19 Jun 2018 15:34

Tgt Ion: 91 Resp: 155632

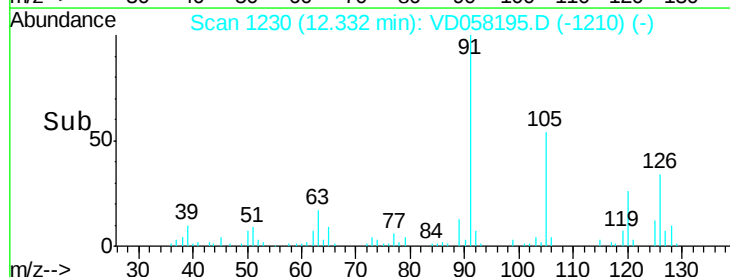
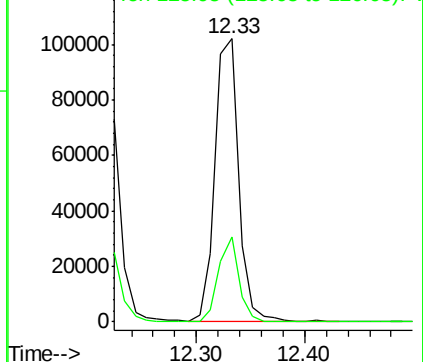
Ion Ratio Lower Upper

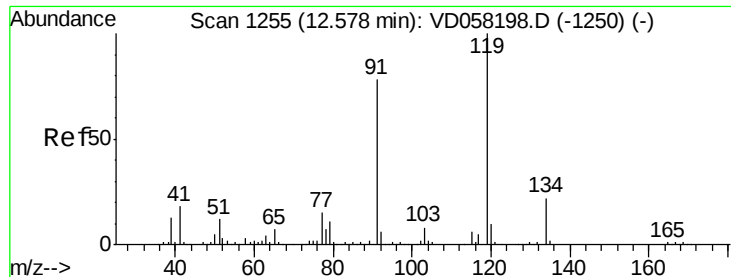
91 100

126 29.9 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.95 (125.65 to 126.65): V

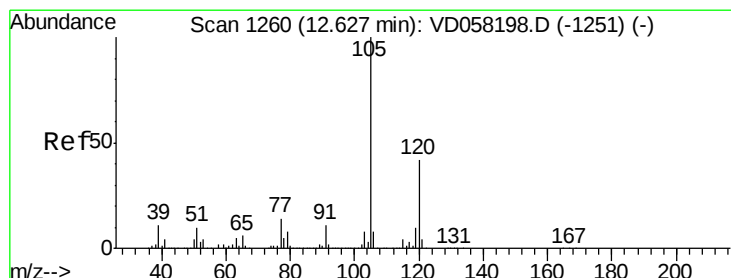
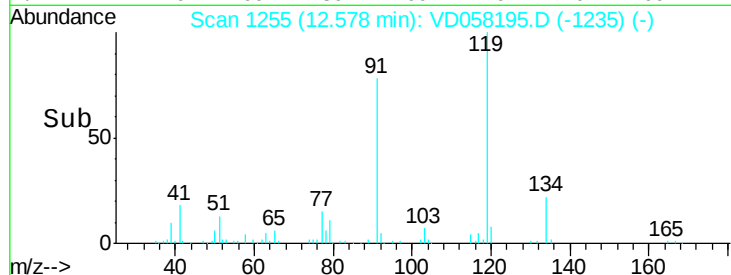
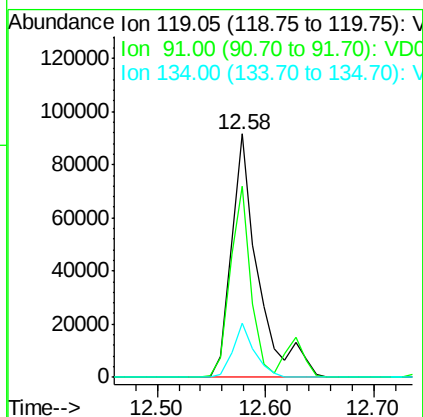
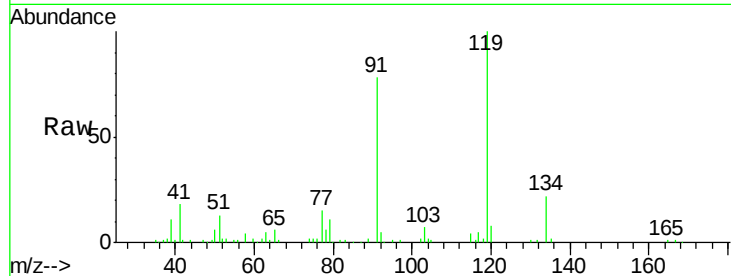




#83  
 tert-Butylbenzene  
 Concen: 5.318 ug/l  
 RT: 12.58 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

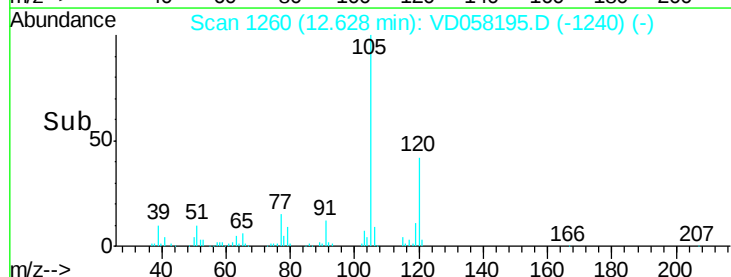
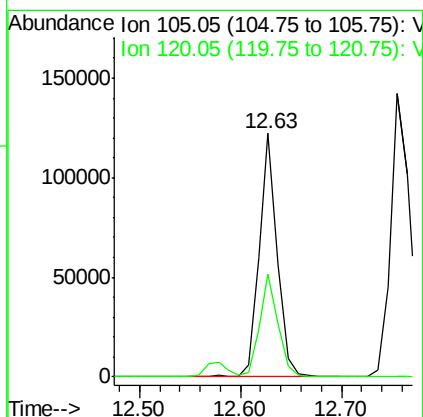
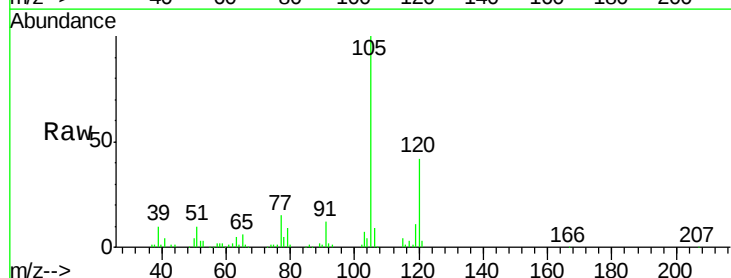
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

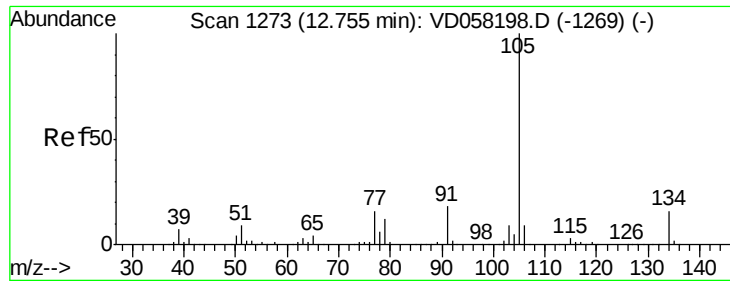
Tgt Ion:119 Resp: 157062  
 Ion Ratio Lower Upper  
 119 100  
 91 78.3 38.9 116.6  
 134 22.2 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.441 ug/l  
 RT: 12.63 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion:105 Resp: 152589  
 Ion Ratio Lower Upper  
 105 100  
 120 42.3 20.8 62.4

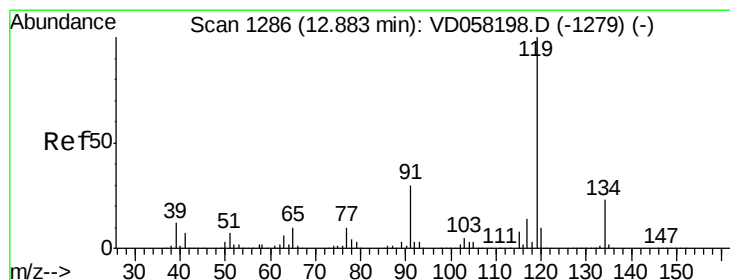
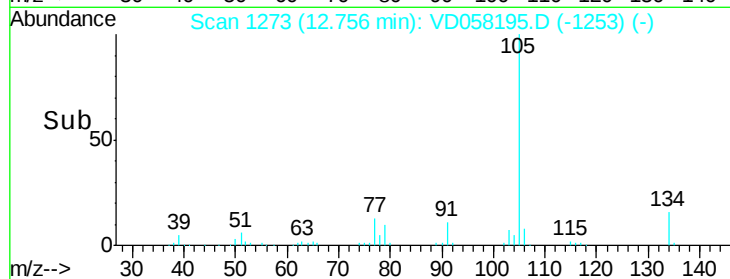
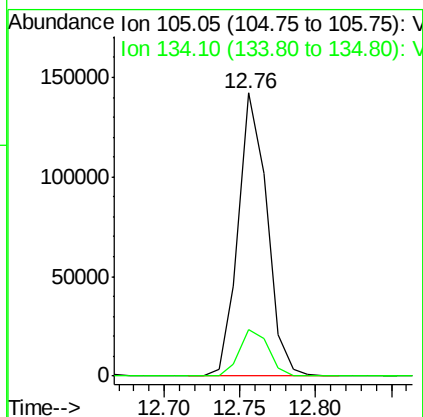
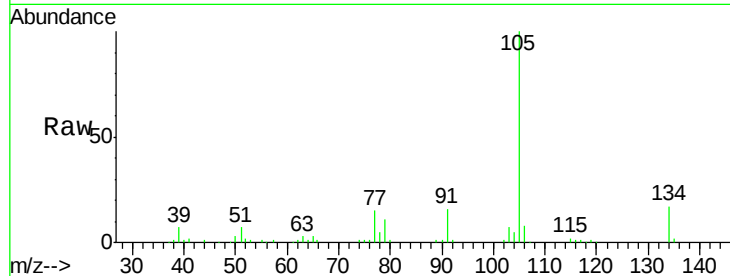




#85  
 sec-Butylbenzene  
 Concen: 5.281 ug/l  
 RT: 12.76 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

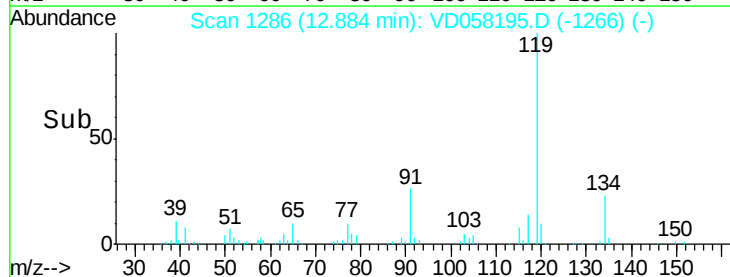
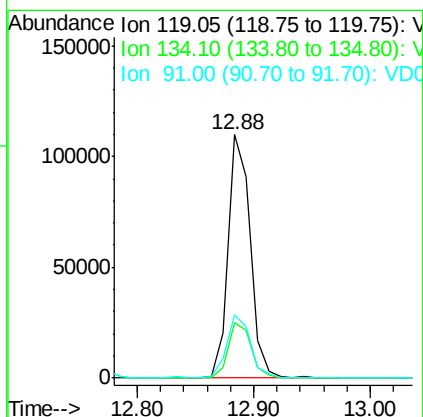
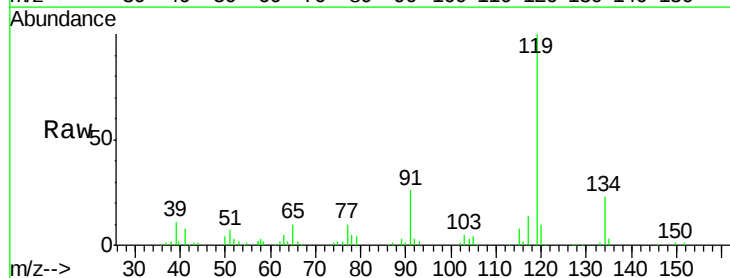
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:105 Resp: 188424  
 Ion Ratio Lower Upper  
 105 100  
 134 16.5 8.1 24.3



#86  
 p-Isopropyltoluene  
 Concen: 5.046 ug/l  
 RT: 12.88 min Scan# 1286  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion:119 Resp: 144154  
 Ion Ratio Lower Upper  
 119 100  
 134 22.6 11.6 34.8  
 91 26.2 15.0 45.1

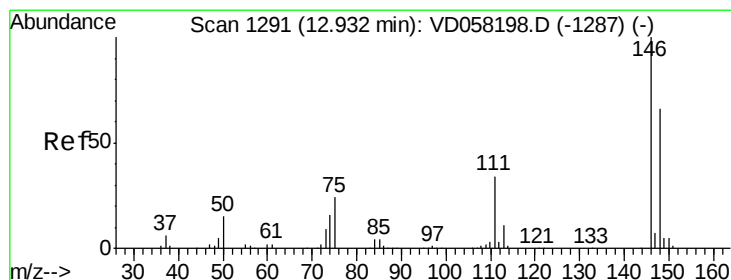
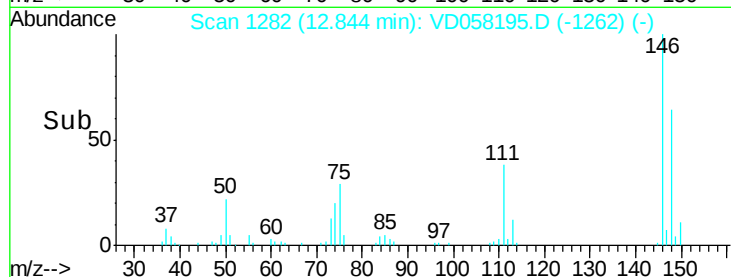
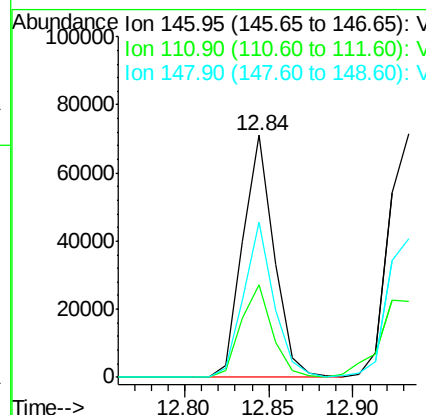
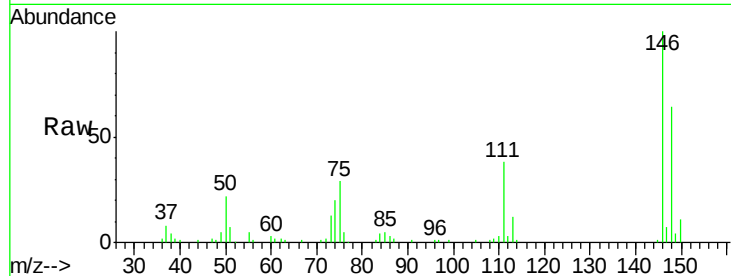




#87  
 1,3-Dichlorobenzene  
 Concen: 5.437 ug/l  
 RT: 12.84 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

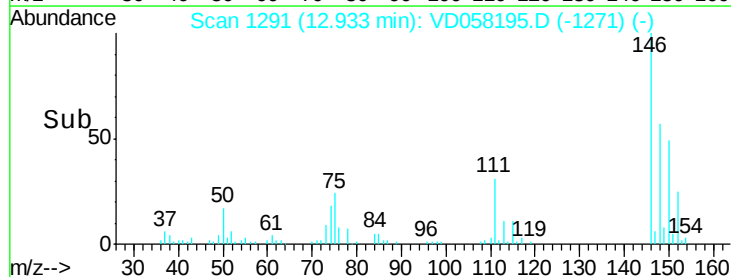
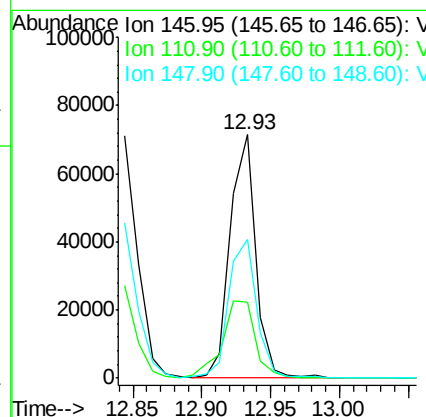
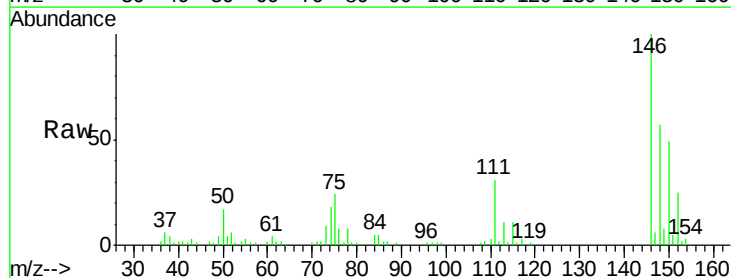
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

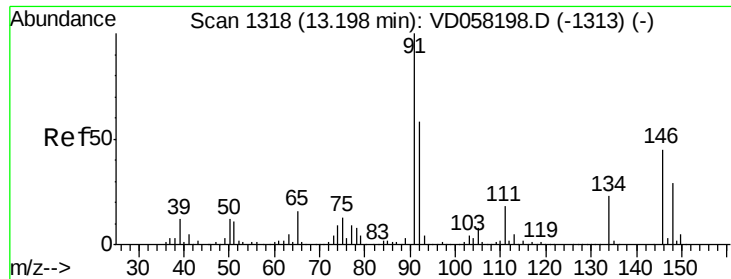
Tgt Ion:146 Resp: 91611  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 18.4 55.0  
 148 64.0 32.8 98.4



#88  
 1,4-Dichlorobenzene  
 Concen: 5.591 ug/l  
 RT: 12.93 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion:146 Resp: 92290  
 Ion Ratio Lower Upper  
 146 100  
 111 31.3 17.2 51.5  
 148 56.7 33.1 99.3

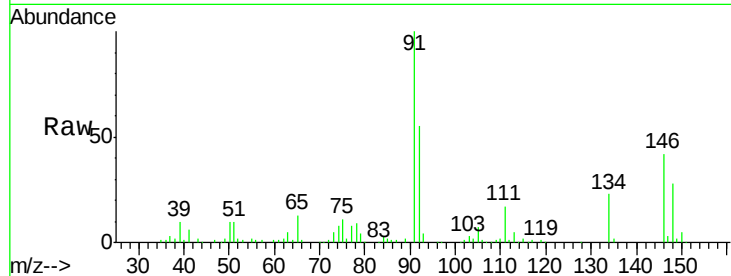




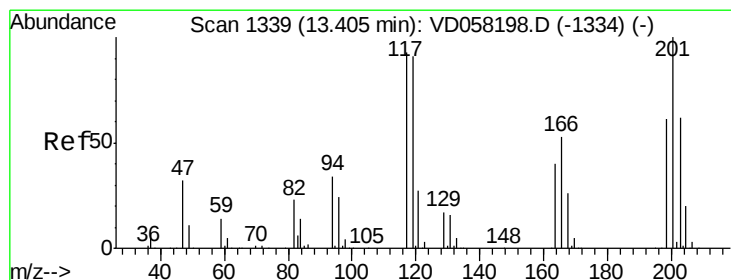
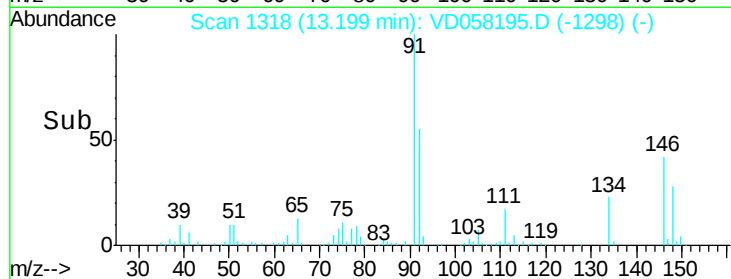
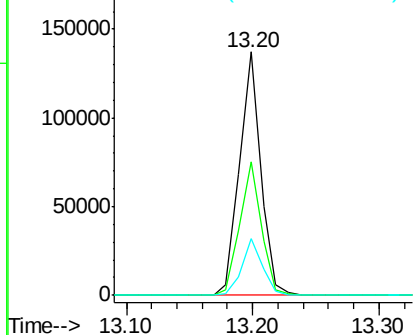
#89  
n-Butylbenzene  
Concen: 5.355 ug/l  
RT: 13.20 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 159196  
Ion Ratio Lower Upper  
91 100  
92 55.0 29.2 87.6  
134 23.3 11.3 33.8

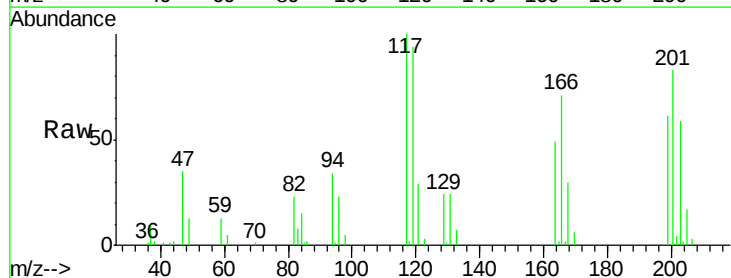


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V

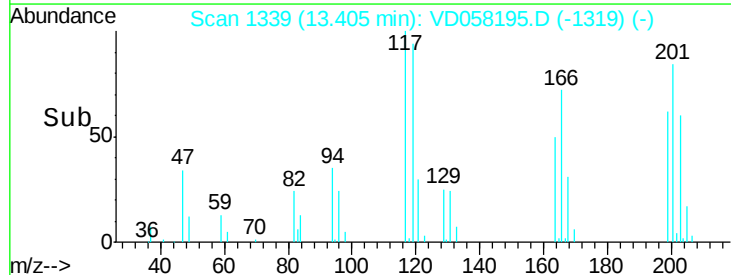
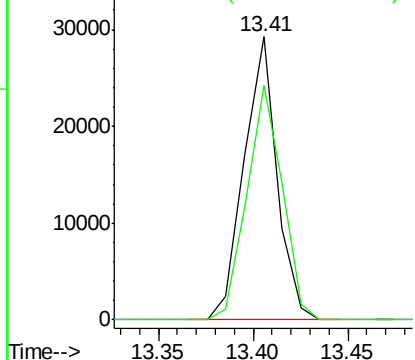


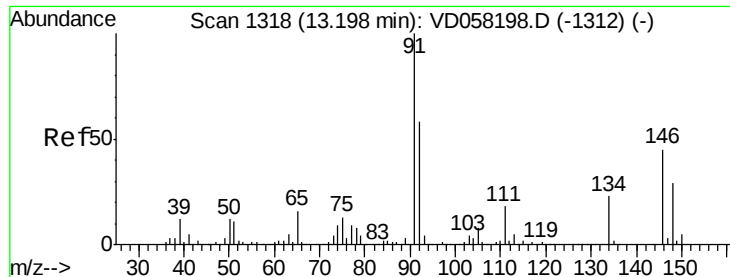
#90  
Hexachloroethane  
Concen: 4.790 ug/l  
RT: 13.41 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion: 117 Resp: 35126  
Ion Ratio Lower Upper  
117 100  
201 83.0 53.8 161.4



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

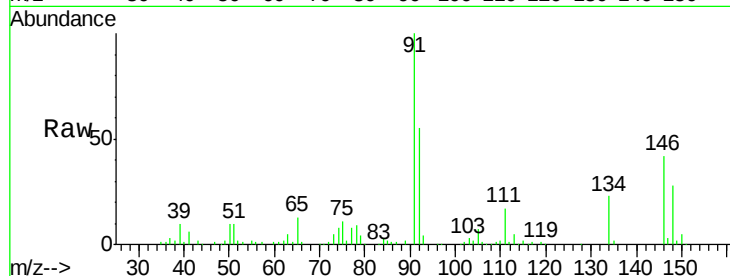




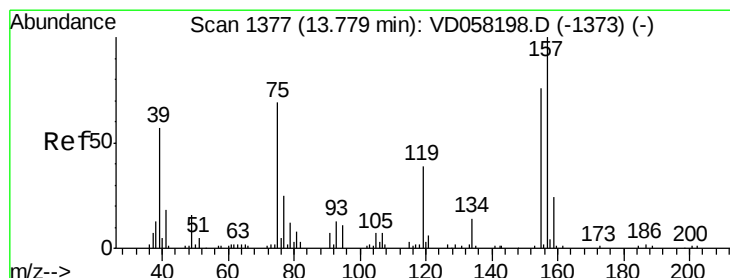
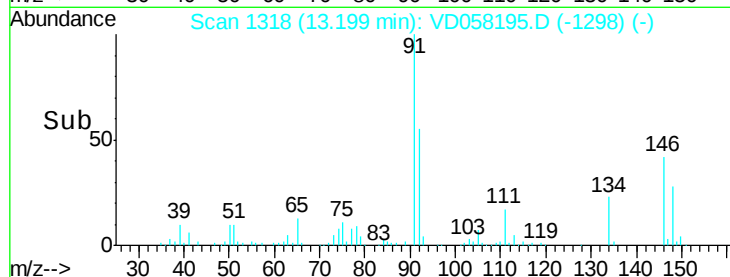
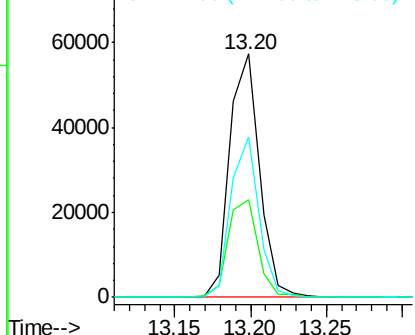
#91  
 1,2-Dichlorobenzene  
 Concen: 5.647 ug/l  
 RT: 13.20 min Scan# 1318  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 146 Resp: 78212  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 19.6 58.7  
 148 65.9 32.0 96.2

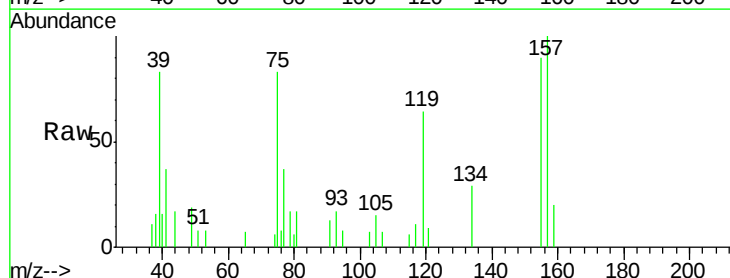


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

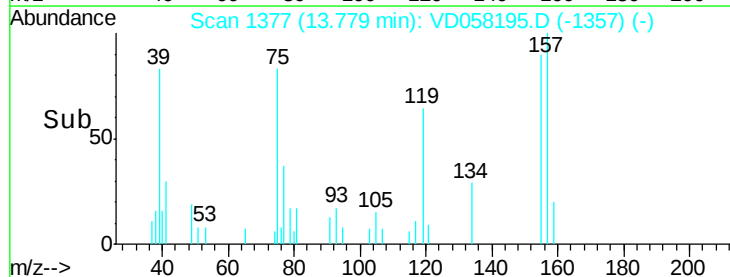
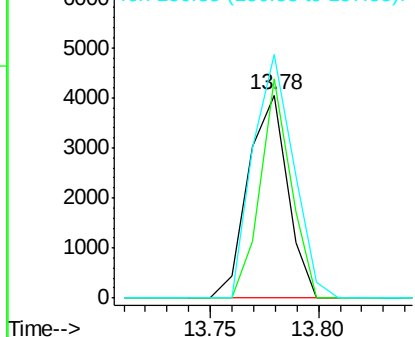


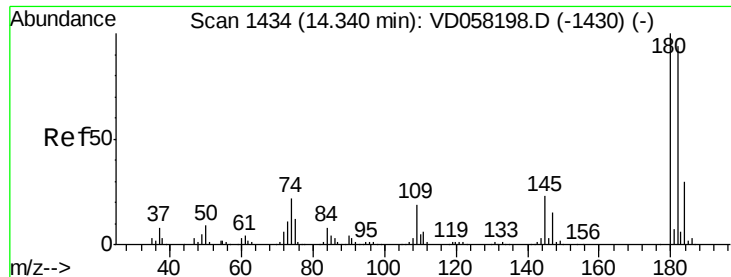
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.426 ug/l  
 RT: 13.78 min Scan# 1377  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion: 75 Resp: 5101  
 Ion Ratio Lower Upper  
 75 100  
 155 108.0 54.5 163.5  
 157 119.9 72.0 215.9



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

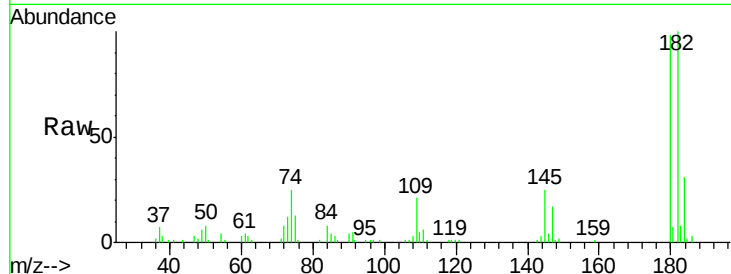




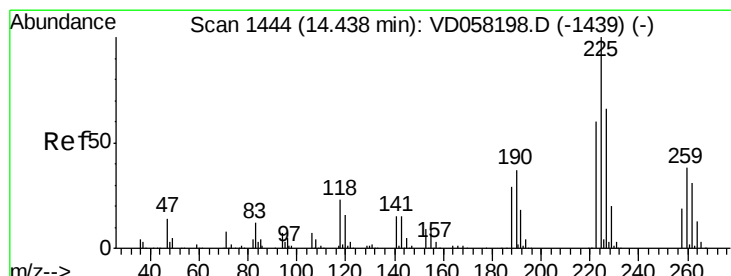
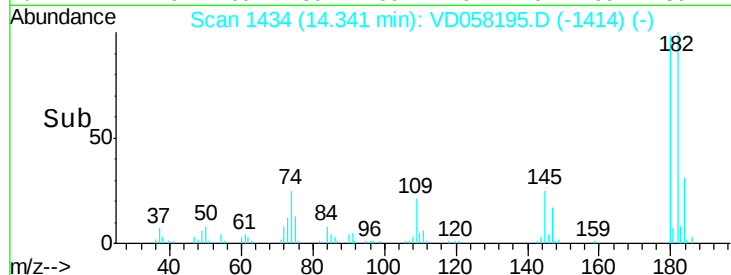
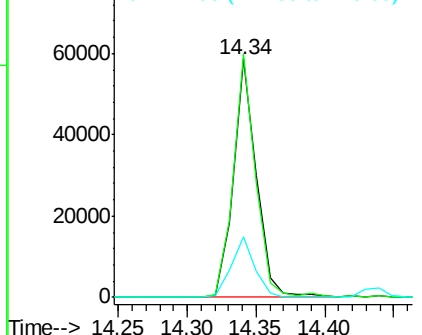
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.273 ug/l  
 RT: 14.34 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tgt Ion:180 Resp: 68083  
 Ion Ratio Lower Upper  
 180 100  
 182 102.2 47.1 141.3  
 145 25.2 11.7 35.0

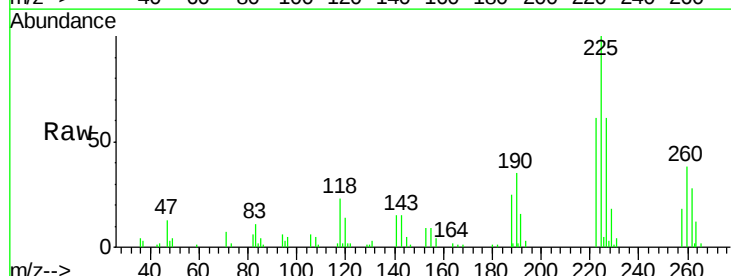


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

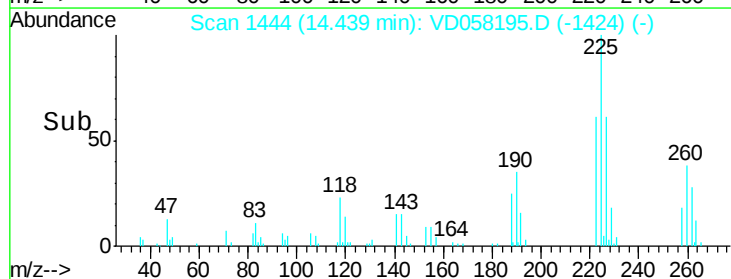
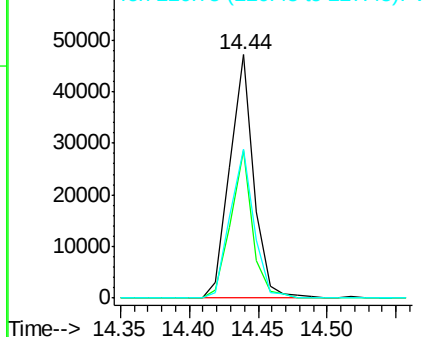


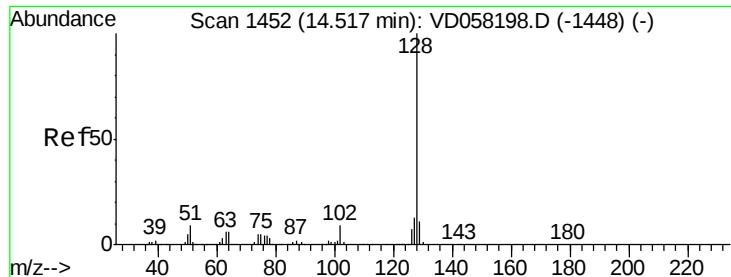
#94  
 Hexachlorobutadiene  
 Concen: 5.660 ug/l  
 RT: 14.44 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: VD058195.D  
 Acq: 19 Jun 2018 15:34

Tgt Ion:225 Resp: 56981  
 Ion Ratio Lower Upper  
 225 100  
 223 60.9 30.1 90.3  
 227 61.4 33.0 98.9



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

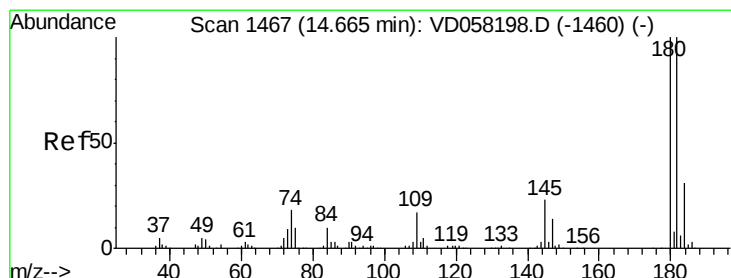
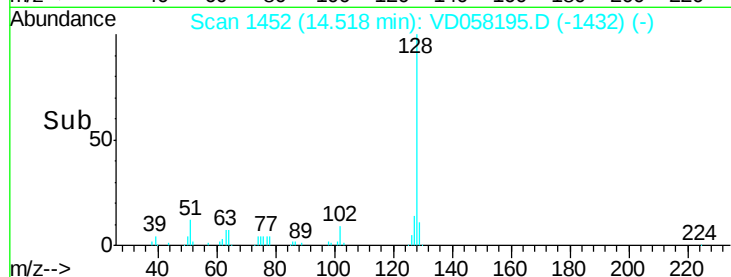
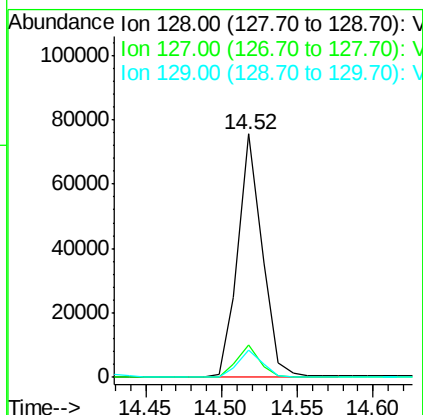
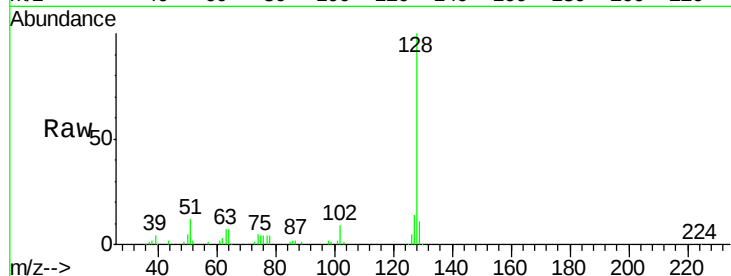




#95  
Naphthalene  
Concen: 5.030 ug/l  
RT: 14.52 min Scan# 1452  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion:128 Resp: 85229  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.0 15.0  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 5.799 ug/l  
RT: 14.67 min Scan# 1467  
Delta R.T. 0.00 min  
Lab File: VD058195.D  
Acq: 19 Jun 2018 15:34

Tgt Ion:180 Resp: 64140  
Ion Ratio Lower Upper  
180 100  
182 89.9 49.9 149.6  
145 25.5 11.7 35.1

